

2021-2022



# MIDDLE SCHOOL COURSE DESCRIPTIONS



West Ada  
SCHOOL DISTRICT

1303 E Central Drive • Meridian, ID 83642



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All courses are graded courses unless otherwise noted.

## Introduction

The following course description handbook encompasses all course curriculum offered at the middle school level throughout the West Ada School District.

The handbook covers grades 6<sup>th</sup>-8<sup>th</sup>, giving students, parents, and guardians the opportunity to plan for your student's middle school journey and prepare for high school.

Some things to note, when transitioning students from the elementary level to the secondary level, student course choices increase with each grade year:

- 6<sup>th</sup> grade students will choose between general music, choir, band, or orchestra.
- 7<sup>th</sup> grade students may choose either two semester electives or one year-long elective.
- 8<sup>th</sup> grade students may choose four semesters of elective classes for the year. Some of the courses are year-long courses, while others are semester courses.

If more information on the middle school curriculum is desired, please contact your student's middle school counseling office for more information.

## The Middle School Philosophy

The West Ada School District strives to provide students with a middle school experience that meets the unique needs of each student, grades 6<sup>th</sup>-8<sup>th</sup>. Middle school is a time of great physiological, psychological and social adjustments. District faculty and staff realize the importance of creating a setting that provides student-centered programs and support for students during this season of life.

The years between elementary and high school are filled with great changes and new life experiences for students. The West Ada middle school program is designed to provide a supportive environment where students will have the opportunity to develop new skills and explore a variety of new learning experiences in order to have a successful transition to high school.

In keeping with this philosophy, the middle school will establish and provide:

- A core curriculum of language arts, math, science, and social studies.
- Exploratory programs and activities in all areas of the curriculum to help students discover and extend interests and abilities.
- An extensive advisory and counseling program.
- A supportive environment for the physical and social development of every student.

- A gradual transition in programs from the self-contained classroom of the fifth grade to the departmentalized structure of high school.
- An intramural and activity-oriented program to accommodate the needs of the early adolescent.
- A positive climate that fosters self-esteem, self-discipline, and student responsibility.
- Knowledgeable educators who are committed to the middle school design.
- An ongoing program of training and professional skills based on the characteristics and needs of the adolescent.
- Collaboration and communication between parents and the school.
- A challenging curriculum and pace of learning to meet individual levels and understanding.
- Opportunities for intervention and acceleration when needs are identified.

The West Ada School District believes these goals can be achieved when staff, students, parents and guardians collaborate and assume responsibility for their part in helping students achieve. Students will make every effort to attend school regularly, maintain a positive attitude and work hard to achieve their goals. Parents and guardians are expected to support and encourage their student and district staff along the education journey. West Ada educators will approach the education of students with professionalism and strive to meet the individual needs of each unique student.

## Middle School Credits

### Credit Requirements

Each 7<sup>th</sup> and 8<sup>th</sup> grade student must achieve a minimum of eighty percent (80%) of the total credits attempted in order to be eligible for promotion to the next grade level. Each 7<sup>th</sup> and 8<sup>th</sup> grade student must earn at least eight (8) out of a possible ten (10) credits.

One (1) unit of credit shall be granted for successful course work completion for each semester. One (1) semester equals one-half ( $\frac{1}{2}$ ) of the year.

To be eligible for promotion to the next grade level, each 7<sup>th</sup> and 8<sup>th</sup> grade student must earn at least one credit from each of the year-long classes:

#### 7<sup>th</sup> Grade

Course	Credit
Writing Composition	2
Math	2
Life Science	2
Literature & Strategies	2
World Civilization	2
<b>Total</b>	<b>10</b>

#### 8<sup>th</sup> Grade

Course	Credit
English 8	2
Math	2
Physical Science	2
Physical Education	2
Western Geographical Perspectives	1
Health	1
<b>Total</b>	<b>10</b>

### Credit Recovery

All 7<sup>th</sup> and 8<sup>th</sup> grade students who do not meet the minimum credit requirements will be given the opportunity to recover credits or complete an alternate mechanism in order to become eligible for promotion to the next grade level. Credit recovery options include, but are not limited to, lab classes, scheduled intervention, summer school, online courses, correspondence courses, and after school intervention

For more information on middle school credits, please visit District [Policy 603.3](#) found on the West Ada School District website.

# Schools of Choice and Alternative Schools

## Schools of Choice

The West Ada School District believes in offering students and families a variety of educational opportunities that allow students to pursue an educational setting that matches their interests. A School of Choice is designed around a unique instructional approach, special area of emphasis, or student population. The West Ada School District offers Schools of Choice in art-based, STEM (science, technology, engineering, math), literacy and world language content areas. Middle schools continue elementary school of choice programs based on the feeder system. Detailed information on Schools of Choice is found on the West Ada website, located in the district policy manual, [Policy 604](#).

### Arts Based Schools of Choice

Christine Donnell School of the Arts (K-6)

Idaho Fine Arts Academy (6-12)

Lowell Scott Middle School Primera Program

### STEM Based Schools of Choice

Galileo STEM Academy (K-8)

## Alternative Schools

Alternative middle schools offer 6<sup>th</sup>-8<sup>th</sup> grade students an environment that is smaller, provides one-on-one attention and more hands-on activities. These schools serve approximately 150 students, with student needs deriving from a variety of sources. For some children, adapting to a larger school environment in 6th grade is simply overwhelming. Others may have certain personal issues that make school a greater challenge, thus needing more one-on-one attention from a teacher. Others may simply need more individualized instruction to spark their interest in learning. Therefore, the student body is comprised of the entire range of students from those who have previously struggled to those who are identified as gifted academically.

The program at these schools is designed to help students meet grade level expectations and then excel in their academic pursuits. Students generally go on to attend one of the district's traditional high schools, although a smaller percentage continues in an academy program in high school.

### Participating Alternative Schools

Pathways Middle School

Crossroads Middle School

# Gifted and Talented Program

## Eligibility Requirements

The West Ada School district uses formal and informal measures to assess eligibility for the Gifted and Talented (GT) Programs.

**Formal Measures:** Students must have qualifying scores in at least two of the following areas: academic achievement, cognitive function, and/or intellectual function (IQ).

**Informal Measures:** Students must qualify in the Extreme Need Range on the GT Core Matrix in one of four areas. The areas are creativity, motivation, leadership, and learning as rated by parents, or teachers, or others.

Students who have previously participated in the **GT Core** program at the elementary level can register for the middle school program when registering for middle school. An option will be provided on the registration form indicating requested placement.

Students who have previously participated in the **GT Workshop program** (visual arts, creativity, theater, leadership, etc.) at the elementary level are **not** eligible for placement in GT at the middle school level based on their workshop eligibility. They must go through testing to qualify for the GT program at the middle school.

For more information on eligibility, please contact your student's school GT facilitator. Full district policy information can be found on the West Ada website under [policy 602.6](#).

## Middle School GT Programs

West Ada School District offers self-contained cohorts for students who qualify for placement in the program. The program is offered at every middle school and consists of gifted and talented courses in English/Language Arts, Social Studies, and Science.

**6<sup>th</sup> Grade** – GT Core program will replace the reading/writing block in the sixth-grade schedule. The reading and writing curriculum are compacted and additional curriculum topics are added to the year-long program. GT Science and GT Social Studies replace the general education equivalent.

**7<sup>th</sup> Grade** – GT Core program will replace the reading/writing block in the seventh-grade schedule. The reading and writing curriculum are compacted and additional curriculum topics are added to the year-long program. GT Science and GT Social Studies replace the general education equivalent.

**8<sup>th</sup> Grade** – GT Core program at eighth grade is divided into two parts. One half is GT English, which fulfills the 8<sup>th</sup> grade ELA requirement. The other part fulfills the regular geography requirement through an enriched geography curriculum, and has GT enrichment built in

## Gifted and Talented Course Offerings

Students must meet GT qualifications in order to register for these courses.  
*(All courses are year-long unless otherwise noted.)*

<b>6<sup>th</sup> Grade</b>
GT Literature & Strategies 6
GT English Writing & Composition 6
GT Science 6
GT World Civilizations 6
<b>7<sup>th</sup> Grade</b>
GT Literature & Strategies 7
GT English Writing & Composition 7
GT Life Science 7
GT World Civilizations 7
<b>8<sup>th</sup> Grade</b>
GT English 8
GT Physical Science 8
GT Western Geographical Perspectives (1 semester)
GT Capstone Workshop 8 (1 semester)

## Accelerated Courses

### General Information

Middle school honors courses are designed for students who are self-motivated and enthusiastic about challenging themselves academically. Many of the students who complete honors courses perform academically in the top 10%, nationally, in their chosen subject area. These courses follow the district curriculum, proceeding at an accelerated instructional pace and depth of content. Honors courses are graded on a four-point grading scale.

When taking honors courses, students can anticipate spending five (5) or more hours per week on take-home assignments, per honors course. Students will be most successful in honors courses by attending school regularly, participating in class, and completing all homework assignments to the best of their abilities. Curriculum will not be adjusted to decelerate the instructional pace or reduce the level of instruction of the course. If necessary, a student who is not successfully performing in a course will be moved to a regular course of similar subject matter.

## Student Self-Assessment

If your student has achieved high test scores and grades, they may benefit from taking a middle school honors course. While current scores indicate this may be an appropriate option for your student, placement is determined after application materials are received. Students are encouraged to apply for honors classes during the Spring registration process.

**To evaluate your readiness for an accelerated course, circle where you feel you are on a scale of 1 – 5.**

**No   Sometimes   Yes**

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | I am intellectually curious.  |
| 1 | 2 | 3 | 4 | 5 | I enjoy reading.  |
| 1 | 2 | 3 | 4 | 5 | I enjoy writing various types of papers.  |
| 1 | 2 | 3 | 4 | 5 | I am willing to do an average of an hour of homework each night, per honors course. |
| 1 | 2 | 3 | 4 | 5 | I am willing to complete assigned reading over the summer.                          |
| 1 | 2 | 3 | 4 | 5 | If I feel that I am learning, a grade lower than an “A” is acceptable.              |
| 1 | 2 | 3 | 4 | 5 | I find many classes move too slowly for me.   |
| 1 | 2 | 3 | 4 | 5 | I like to be challenged.  |
| 1 | 2 | 3 | 4 | 5 | I do my work on time.   |
| 1 | 2 | 3 | 4 | 5 | I have the maturity to be responsible for my learning.                              |
| 1 | 2 | 3 | 4 | 5 | I have the ability to manage my time well.  |
| 1 | 2 | 3 | 4 | 5 | I am punctual and rarely miss class.  |

**Scoring:** If you have rated two or more questions less than four, you may want to select an on-grade level course.

# Rigor Commitment Form



# West Ada

SCHOOL DISTRICT

Rigor Commitment Form for Language Arts and Science Honors Courses

For \_\_\_\_\_  
*(Print Student's Name)*

Dear Parent of Middle School Honors Student:

Honors courses are taught at an accelerated pace and at an advanced level of instruction. The text, writing, and format of the courses are all at a higher level and require an increased time commitment to homework and study.

No curriculum modifications will be made to slow the pace or limit the level of instruction in the course. Exemplary attendance is critical in these courses because class work cannot be duplicated outside of the classroom.

Having read the above requirements and expectations, I agree to the accelerated pace and rigorous curriculum of the honors course listed below. I agree to do the extra outside class work and/or extra projects as assigned. I have passed the prerequisite course required, and I will not ask for curriculum modifications.

Please list all Honors classes for which you are registering:

Honors Course #1 \_\_\_\_\_

Honors Course #2 \_\_\_\_\_

Honors Course #3 \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

*This letter should be returned to the middle school counselor*

## Student Course Sequences

### Art

6 <sup>th</sup> Grade
✓ Art ↓

7 <sup>th</sup> Grade
✓ Drawing and Painting <u>or</u> ✓ Pottery and Sculpture ↓

8 <sup>th</sup> Grade
✓ Mixed Media <u>or</u> ✓ Advanced 3-D Art

### Health

6 <sup>th</sup> Grade
✓ “Changes” lesson presented through Physical Education ↓

7 <sup>th</sup> Grade
✓ Exploring Health 7 (9 weeks) ↓

8 <sup>th</sup> Grade
✓ Health (Option P1 or P2)

## Language Arts

6 <sup>th</sup> Grade
✓ English 6: Literature & Strategies ✓ Writing Composition 

7 <sup>th</sup> Grade
✓ English 7: Literature & Strategies ✓ Writing Composition <b>or</b> Honors Writing Composition 

8 <sup>th</sup> Grade
✓ English 8 <b>or</b> ✓ Honors English 8

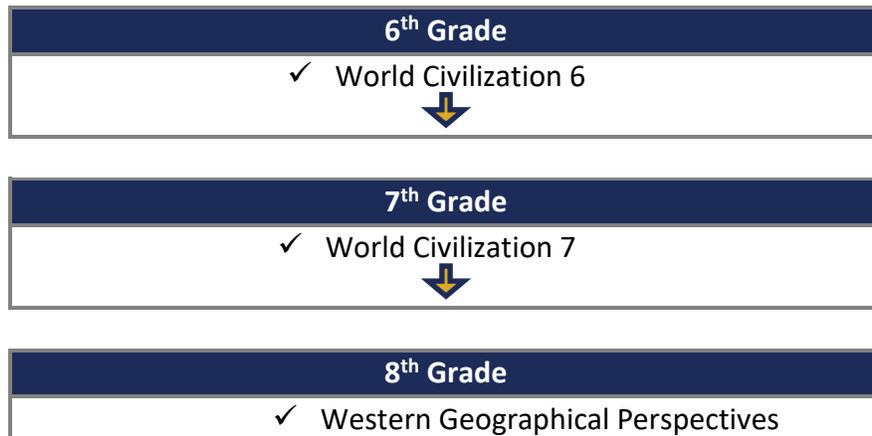
## Science

6 <sup>th</sup> Grade
✓ Earth Science 

7 <sup>th</sup> Grade
✓ Life Science 

8 <sup>th</sup> Grade
✓ Physical Science <b>or</b> ✓ Honors Physical Science

## Social Studies Sequence



## Mathematics

	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
Traditional Pathway	Math 5	Math 6	Math 7	Math 8	HS Math I	HS Math II	✓ One of the following: <ul style="list-style-type: none"> <li>• Intermediate Algebra</li> <li>• HS Math III</li> <li>• College Math III</li> <li>• Stats Reasoning in Sports</li> </ul>	✓ One of the following: <ul style="list-style-type: none"> <li>• Math Modeling</li> <li>• Math in Modern Society</li> <li>• HS Math III</li> <li>• College Trigonometry</li> <li>• Stats Reasoning in Sports</li> </ul>
Honors Pathway	Math 5	Math 6 or Advanced Math 6*	Math 7	Math 8	Honors HS Math I***	Honors HS Math II	✓ One of the following: <ul style="list-style-type: none"> <li>• College Math III</li> <li>• College Precalculus</li> </ul>	✓ One of the following: <ul style="list-style-type: none"> <li>• College Trigonometry</li> <li>• Calculus or AP Calculus</li> <li>• Statistics or AP Statistics</li> </ul>
Accelerated Pathway	Math 5	Math 6 or Advanced Math 6*	Honors Math 7**	Honors HS Math I	Honors HS Math II	College Precalculus	✓ One of the following: <ul style="list-style-type: none"> <li>• Calculus or AP Calculus</li> <li>• Statistics or AP Statistics</li> </ul>	✓ One of the following: <ul style="list-style-type: none"> <li>• Calculus II</li> <li>• AP Statistics</li> </ul>

\*For Advanced Math 6, students need to score an advanced (4) on the 5<sup>th</sup> grade mathematics *Idaho Standards Achievement Test (ISAT)*, and an above standard on all three claims.

\*\*Honors Math 7 is the beginning point for the honors mathematics track. Students will need to score an advanced (4) on the 6<sup>th</sup> grade mathematics *Idaho Standards Achievement Test (ISAT)*, and an above standard on all three claims.

\*\*\*Honors HS Math I is a second entry point for the mathematics honors track. This course requires a strong performance (A-grade) in Math 8.

# Course Descriptions

## 6<sup>th</sup> Grade

### Required Core Classes

#### Advisory 6

Course Number(s): 00102G0011  
Open to: 6  
Length: Year  
Content: Advisory is a twenty-minute daily meeting time for students and their teachers. Advisory serves as a home base for students, offering them the opportunity to develop personal, social, academic, and study skills that will help them make a successful transition from an elementary to a middle school setting. ***This is a no-credit course.***

#### English 6: Lit & Strategies A/B

Course Number(s): 00012G0011, 00012G0012  
Open to: 6  
Length: Year  
Content: This course focuses on reading strategies and comprehension skills. Students will read from various genres. **Students must take English 6: Literature and Strategies concurrently with English 6: Writing Composition.**

#### English 6: Writing Composition A/B

Course Number(s): 00012G0021, 00012G0022  
Open to: 6  
Length: Year  
Content: This course focuses on the writing process, modes of writing, writing traits, and language usage. **Students must take English 6: Literature and Strategies concurrently with English 6: Writing Composition.**

#### Earth Science 6 A/B

Course Number(s): 53001G0031, 53001G0032  
Open to: 6  
Length: Year  
Prerequisite: None  
Content: This course follows the new Idaho State Science Standards for Earth Science in middle school. Students will develop an understanding of a wide range of topics in Earth and Space Science that build upon science concepts from elementary school. It will be a balanced approach consisting of three dimensions: supporting content, science practices, and cross-cutting concepts. In particular, students will focus on the Earth as a whole system and the factors that influence it.

#### Math 6 A/B

Course Number(s): 00042G0021, 00042G0022  
Open to: 6  
Length: Year  
Content: This is the Idaho State Standards Math class for 6<sup>th</sup> grade students. Its focus is to build the requisite conceptual understanding of the number system, rate and ratio, expressions and equations, and statistics and probability for students to be successful in Math 7.

#### Adv Math 6 A/B

Course Number(s): 00042H0031, 00042H0032  
Open to: 6  
Length: Year  
Prerequisite: 5<sup>th</sup> grade math ISAT Achievement Level 4 and above standard on all three claims.  
Content: This class covers the Idaho State Math Standards for 6<sup>th</sup> grade students. However, it does so at a faster pace. This year of math is crucial in that it solidifies the concepts and skills from the elementary math sequence. Even students with a strong math background who may have covered some of the 6<sup>th</sup> grade standards in 5<sup>th</sup> grade need to take it. Students will be given enrichment activities and lessons and will preview many of the concepts from math 7. This class is not officially in the honors math track. Students who take it will still need to qualify for Honors Math 7 with an ISAT Achievement level 4 (and all 3 ISAT reporting categories above standard).

**World Civilizations 6 A/B**

Course Number(s): 00064G0011, 00064G0012  
Open to: 6  
Length: Year  
Content: Students will develop an understanding of their world by studying the geography, history, culture, government, and economy of various people and nations of the world from the Prehistoric Period through the Middle Ages.

## Exploratory Classes

### **Expl Art 6**

Course Number(s): 00036G0011  
Open to: 6  
Length: Quarter  
Content: Students are introduced to the basics of the study of art, emphasizing the elements of design. The course includes drawing, painting, sculpture, art history. ***This course is graded as pass/fail.***

### **Expl Beginning Theatre 6**

Course Number(s): 55052G0010  
  
Open to: 6  
Length: Quarter  
Content: This class is designed for students who enjoy dramatic presentations. Students will explore drama through performance, communication, criticism, history/culture, and vocational activities. An emphasis is placed on performance and communication. Presentations may include secular and/or sacred pantomime, oral interpretations, Reader's Theater, mini plays, radio theater speeches, and puppetry.

### **Expl Digital Tools 6**

Course Number(s): 62005T0012  
Open to: 6  
Length: Quarter  
Content: Students will be able to integrate technological tools utilizing cloud-based applications to communicate and work collaboratively to complete various assignments and projects. Students taking this digital course will develop skills to be able to present information, manage their files, assignments and tasks using different digital tools including Microsoft 365. Students will become digital citizens and learn how to practice safe, ethical, legal, and responsible use of information and technology. ***This course is graded as pass/fail.***

### **Expl Family & Consumer Science 6**

Course Number(s): 00098T0011  
Open to: 6  
Length: Quarter  
Content: Students explore developing positive friendships, clothing care, healthy food choices, kitchen safety and sanitation practices, proper use of kitchen equipment, and measuring techniques. Hand sewing basic skills will be used while creating a project. ***This course is graded as pass/fail.***

### **Expl Keyboarding 6**

Course Number(s): 62005T0011  
Open to: 6  
Length: Quarter  
Content: Students taking Keyboarding will develop typing skills using the QWERTY Keyboard and district approved keyboarding software. Students will refine and apply their keyboarding skills using project-based learning with Microsoft Word. This course is a pre-requisite for Computer Explorations I 7/8. ***This course is graded as pass/fail.***

### **Literacy Lab 6-8 A/B**

Course Number(s): 00018B0011, 00018B0012  
Open to: 6 (*This course can be repeated*)  
Length: Quarter or semester as determined by individual middle schools.  
Content: This course is for students whose reading abilities are below grade level proficiency levels. (Enrollment will be based on ISAT scores or other universal screener data and/or MTSS Team or counselor recommendation.) The goal is to build skills needed to meet reading proficiency requirements. ***This course is graded as pass/fail.***

**Writing Lab 6-8 A/B**

Course Number(s): 51010G0111, 51010G0112  
Open to: 6, 7, 8 (*This course can be repeated*)  
Length: Quarter or semester as determined by individual middle schools  
Content: This course will address remediation in the Common Core State Standards (CCSS) language and writing to move students toward meeting proficiency in these grade level standards. (Enrollment will be based on ISAT scores or other universal screener data and/or MTSS Team or counselor recommendation.) This course can be taken more than once. ***This course is graded as pass/fail.***

**Math Skills Lab 6**

Course Number(s): 00042B0011  
Open to: 6 (*This course can be repeated.*)  
Length: Quarter or semester as determined by individual middle schools  
Content: Emphasis will be on basic mathematical computation. This class will be taken in addition to their regular math class and in place of exploratory classes. Students will be identified based on teacher recommendation and/or parent request. ***This course is graded as pass/fail.***

**Study Lab 6 A/B**

Course Number(s): 00018B0021, 00018B0022  
Open to: 6 (Exploratory)  
Length: Quarter  
Content: This course is for students who are deficient in completing course assignments, as identified by teachers and counselors. After receiving instruction in basic study skills students will apply those skills to their assigned coursework in a monitored environment. Students also will have access to school resources (computers, printers, etc.) and be able to study for tests. ***This course is graded as pass/fail.***

**Design-Modeling (Galileo only)**

Course Number(s): 00098T0021  
Open to: 6  
Length: Semester  
Content: This course uses solid modeling (a very sophisticated mathematical technique for representing solid objects) to introduce students to the design process. Utilizing this design approach, students understand how solid modeling has influenced their lives. Students also learn sketching techniques, and use descriptive geometry as a component of design, measurement, and computer modeling. Using design briefs or abstracts, students create models and documentation to solve problems.

**Spanish Lang & Cultures 6 (Galileo only)**

Course Number(s): 00022G0021  
Open to: 6  
Length: Semester  
Content: Students are introduced to the culture and people of Spanish speaking countries. They also begin a study of the Spanish language, emphasizing a hands-on approach to learning, including integration with the core subjects of social studies, language arts, and science.

**Project Lead the Way - STEM Solutions 6 (Heritage Middle School only)**

Course Number(s): 71001T0031  
Open to: 6  
Length: Quarter  
Prerequisite: None  
Content: Students will meet the STEM (Science, Technology, Engineering, and Mathematics) criteria as they fabricate a series of projects. Students will use the Design and Modeling unit from the Pre-Engineering Gateway to Technology curriculum. Students will become familiar with a variety of engineering and related careers through problem-solving projects.

**Ecosystems Exploratory 6 (Heritage Middle School only)**

Course Number(s): 00066G0031  
Open to: 6  
Length: Quarter  
Prerequisite: Enrolled in the Heritage Science Magnet Program  
Content: Exploratory Ecology studies the interdependence of all living organisms and their interactions with the environment. Topics include population dynamics, resource management and environmental issues.

**Oceans Exploratory 6 (Heritage Middle School only)**

Course Number(s): 00066G0021  
Open to: 6  
Length: Quarter  
Prerequisite: Enrolled in the Heritage Science Magnet Program  
Content: Oceanography is the introduction of the interactions of biology, geology, chemistry, and physics in the function, processes, and systems of oceans.

## Physical Education Classes

### PE 6 A/B

Course Number(s): 00052G0011, 00052G0012  
Open to: 6  
Length: Year, Alternate Days  
Content: Students are introduced to a variety of activities and sports that develop physical motor skills. Emphasis is placed upon acquiring basic skill and fitness levels. Maximum student participation is stressed, and physical fitness tests are given. Students will participate each day and will need to wear attire that will allow them to safely and appropriately participate in physical activity while following dress code guidelines. Clothing such as shorts, t-shirts, sweats, and athletic-style footwear allows students to participate to the fullest and safest extent possible. ***This course is graded as pass/fail.***

## Music Classes

### General Music 6 A/B

Course Number(s): 00032G0011, 00032G0012  
Open to: 6  
Length: Year, Alternate Days  
Content: General music classes will focus on the study of music theory and history through singing, games, listening, and writing activities. Various styles and genres of music will be introduced, including ballet, opera, sacred, secular, pop, spirituals and music from famous composers. ***This course is graded as pass/fail.***

### Band Brass 6 A/B

Course Number(s): 00032G0041, 0032G0042  
Open to: 6  
Length: Year, Alternate Days  
Content: Band classes are split into groups Brass, Woodwinds, and Percussion. No previous experience is necessary. Students are expected to practice a minimum of 100 minutes per week at home. Students will study and perform a variety of styles of music including pop, sacred, secular, spirituals and other genres. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them. ***This course is graded as pass/fail.***

### Band Woodwinds 6 A/B

Course Number(s): 00032G0031, 00032G0032  
Open to: 6  
Length: Year, Alternate Days  
Content: Band classes are split into groups Brass, Woodwinds, and Percussion. No previous experience is necessary. Students are expected to practice a minimum of 100 minutes per week at home. Students will study and perform a variety of styles of music including pop, sacred, secular, spirituals and other genres. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them. ***This course is graded as pass/fail.***

### Band Percussion 6 A/B

Course Number(s): 00032G0061, 00032G0062  
Open to: 6  
Length: Year, Alternate Days  
Content: Band classes are split into groups Brass, Woodwinds, and Percussion. No previous experience is necessary. Students are expected to practice a minimum of 100 minutes per week at home. Students will study and perform a variety of styles of music including pop, sacred, secular, spirituals and other genres. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them. ***This course is graded as pass/fail.***

**Choir 6 A/B**

Course Number(s): 00032G0021  
Open to: 6  
Length: Year, Alternate Days  
Content: This course will focus on the study of music, primarily through singing. Music from many historical eras and cultures will be introduced. Students will participate in evening concerts during the year. Students will perform a variety of styles of music which may include pop, sacred, secular, spirituals, and madrigals. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them. ***This course is graded as pass/fail.***

**Adaptive Music 6-8 A/B**

Course Number(s): 55146G0010  
Open to: 6, 7, 8  
Length: Semester  
Content: Students participating in Adaptive Music will experience music through a hands-on approach. This class is meant to support goals and standards in content areas as well as meet social, emotional, and academic areas. The intention of the class is to enhance learning for students who learn effectively through music. ***This course is graded as pass/fail.***

**Orchestra 6 A/B**

Course Number(s): 00032G0051, 00032G0052  
Open to: 6  
Length: Year, Alternate Days  
Content: This class is for students who are beginning to play violin, viola, cello, and string bass. No previous experience is necessary. Students are expected to practice at home. Students will study and perform a variety of styles of music including pop, sacred, secular, spirituals and other genres. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them. Class changes are not allowed after the first two weeks of school. ***This course is graded as pass/fail.***

**Advanced Orchestra 6 A/B**

Course Number(s): 00032H0021, 00032H0022  
Open to: 6  
Length: Year, Alternate Days  
Prerequisite: Open to those students with a minimum of one-year prior experience in an elementary orchestra program.  
Content: Students are expected to practice a minimum of 100 minutes per week at home. Students will study and perform a variety of styles of music including pop, sacred, secular, spirituals, and other genres. This class will meet the requirement for 6<sup>th</sup> grade music and will alternate with P.E. Students rehearse separately from beginning level orchestra and perform as an autonomous ensemble at orchestra concerts. ***This course is graded as pass/fail.***

## Miscellaneous Classes

### **Beginning Art 6 (Schools of Choice Only)**

Course Number(s): 00036H0011  
Open to: 6  
Length: Semester  
Content: Students will participate in a variety of experiences using the elements and principles of design. The students will explore the fundamentals of drawing, painting, sculpture, and art history. Beginning Art 6 fulfills the prerequisite requirement for Drawing and Painting 7 or 8 and Pottery and Sculpture 7 or 8.

### **Environmental Issues 6 (K-8 Schools Only)**

Course Number(s): 00066G0011  
Open to: 6  
Length: Semester  
Content: This course will cover the most pressing environmental issues facing the country today. Both sides of issues will be presented with the help of guest speakers. Laboratory investigations will draw from both life and physical science skills. Students may be involved with projects that will take them outdoors. It is further expected that projects such as recycling will result in the improvement of the school environment.

### **Primera! Beginning Spanish 6 (Primera Magnet Only – Lowell Scott Middle School)**

Course Number(s): 00022H0011  
Open to: 6  
Length: Semester  
Content: Beginning Spanish will be open to those students with an interest in a formal accelerated Spanish program. This course will allow students to build on fundamental skills of the Spanish language with a special emphasis on comprehension, speaking, reading, writing, and culture.

### **Visual Design (Photography I)**

Course Number(s): 55154G0051  
Open to: 6, 7, 8  
Length: Semester Elective  
Content: This course will introduce students to the basic aspects of visual artistic design. Content of the course may include the following: basic elements of design, composition, subjects, understanding exposure, camera operation, lighting and light quality, film speeds and formats, flash pictures, and darkroom black-and-white films.

### **Maker Lab 6-8 (Pathways Middle School Only)**

Course Number(s): 71001G0010  
Open to: 6, 7, 8  
Length: Semester  
Prerequisite: None  
Content: This course introduces design model thinking and basic maker skills such as circuitry, 3D modeling, and coding. Students will be able to work in groups and independently to solve community and global issues through unique inventions. Students will have the opportunity to showcase their projects for community members at the end-of-course event. This course is repeatable for credit.

## 7<sup>th</sup> Grade

### Required Core Classes

#### **Advisory 7**

Course Number(s): 72102G0011  
Open to: 7  
Length: Year  
Content: Advisory is a twenty-minute daily meeting time for students and teachers. Advisory serves as a home base for students, offering them the opportunity to further develop the personal, social, academic and study skills introduced to them in the 6<sup>th</sup> grade advisory program.  
***This is a no-credit course.***

#### **English 7: Lit and Strategies A/B**

Course Number(s): 51001G0011, 51001G0012  
Open to: 7  
Length: Year  
Credits: 2  
Content: This course focuses on reading strategies and comprehension skills. Students will read from various genres. **Students must take English 7: Writing Composition concurrently with English 7: Literature and Strategies.**

#### **English 7: Writing and Composition A/B**

Course Number(s): 51003G0011, 51003G0012  
Open to: 7  
Length: Year  
Credits: 2  
Content: This course focuses on the writing process, modes of writing, writing traits, and language usage. Students must take English 7: Writing Composition concurrently with English 7: Literature and Strategies.

#### **English Honors 7: Writing-Composition A/B**

Course Number(s): 51003H0011, 51003H0012  
Open to: 7  
Length: Year  
Credits: 2  
Prerequisite: Signed Rigor Commitment Form required  
Content: English Honors 7 offers rigorous, accelerated instruction in the writing process, writing applications and writing components. Students will develop advanced narrative, creative, informational, persuasive, research, and literary response writing skills. Students also will develop more complex sentence structures, and apply a thorough knowledge of spelling, punctuation, grammar, and usage.

#### **Life Science 7 A/B**

Course Number(s): 53999G0011, 53999G0012  
Open to: 7  
Length: Year  
Credits: 2  
Content: This course introduces students to the characteristics of living things. Students study the diversity of life forms from viruses to mammals; learn human body systems, genetics, and ecological relationships. Critical thinking, problem solving, and hands-on inquiry skills are developed through observation, classification, data collection, cooperative learning experiences, and communication through the introduction of technical writing.

#### **Math 7 A/B**

Course Number(s): 52002G0071, 52002G0072  
Open to: 7  
Length: Year  
Credits: 2  
Content: This is the Idaho State Standards Math class for 7<sup>th</sup> grade students. Its focus is to build the requisite conceptual understanding of the number system, ratio and proportions, expressions and equations, geometry and statistics and probability for students to be successful in Math 8.

**Honors Math 7 A/B**

Course Number(s): 52002H0071, 52002H0072  
Open to: 7  
Length: Year  
Credits: 2 Math Credits  
Prerequisite: Math 6, ISAT Achievement Level 4 and above standard on all three claims.  
Content: This course is the beginning of our highly accelerated Honors track for middle school math. It covers the Idaho State Math Standards for 7<sup>th</sup> and 8<sup>th</sup> grade. Students will connect the concepts of unit rate, ratio, proportions and functions to describe and solve real world problems using linear equations and systems of linear equations. Students will extend their understanding of geometry to solve real world and mathematical problems involving scaling, angular measures, surface area and volume for all two- and three-dimensional figures. Students will extend their prior knowledge of statistics to sample, describe and compare two populations mathematically and build probability models. Entry into the middle school honors math track will result in the student starting their high school math transcript in their eighth-grade year.

**World Civilizations 7 A/B**

Course Number(s): 54052G0011, 54052G0012  
Open to: 7  
Length: Year  
Credits: 2  
Content: Students will develop an understanding of their world by studying the changes in geography, history, culture, government, and economic systems of various people and nations of the world from the beginning of the Renaissance through the 20<sup>th</sup> century.



## Exploratory Classes

### **Expl Gateway To Tech Pre-Engineering 7**

Course Number(s): 71051T0041  
Open to: 7  
Length: Quarter  
Content: Students will meet the Science, Technology, Engineering, Math (STEM) criteria as they fabricate a series of projects. Students will use the Design and Modeling unit from the Pre-Engineering Gateway to Technology curriculum. Students will become familiar with a variety of engineering and related careers through problem-solving projects.

### **Expl Language & Culture Study – Spanish (Expl Spanish 7)**

Course Number(s): 56101G0011  
Open to: 7  
Length: Quarter  
Content: This course is an introduction to the culture and language of Spanish speaking countries. Fundamental listening and speaking skills and cross-cultural comparisons will be stressed.

### **Expl Health 7 - Required**

Course Number(s): 72206G0011  
Open to: 7  
Length: Quarter  
Content: Students begin this class setting goals, exploring decision-making, self-esteem, character, and organization skills. They will also receive information on conflict resolution, violence prevention, and substance abuse.

### **Expl Lifetime Sports 7 - Required**

Course Number(s): 58001G0011  
Open to: 7  
Length: Quarter  
Content: The student will experience a variety of activities that may be enjoyed throughout his/her life. Activities may include football, tennis, soccer, basketball, golf, softball, bowling, badminton, volleyball, personal fitness, dance, archery, orienteering, and fly-casting. Students will participate each day and will need to wear attire that will allow them to safely and appropriately participate in physical activity while following dress code guidelines. Clothing such as shorts, t-shirts, sweats, and athletic-style footwear allows students to participate to the fullest and safest extent possible.

### **Expl Communications 7**

Course Number(s): 51151G0010  
Open to: 7  
Length: Quarter  
Content: This course is an introduction to the student communication/listening process, group process, group communication, informative/persuasive speaking, and Lincoln-Douglas debate.

### **Expl Geology**

Course Number(s): 53001G0021  
Open to: 7  
Length: Quarter  
Content: This class explores the geologic forces that shape our planet. Concepts explored include plate tectonics, volcanoes, deposition and erosion, rock and mineral formation, and resource management.

### **Expl Zoology**

Course Number(s): 53051G0031  
Open to: 7  
Length: Quarter  
Content: This course explores the evolution and classification of the animal kingdom. The class focuses on the anatomy, physiology and behavior of invertebrates and vertebrates. Animal dissections will take place in this class.

**Literacy Lab 6-8 A/B**

Course Number(s): 51067B0011, 51067B0012  
Open to: 7 (*This course can be repeated*)  
Length: Quarter or semester as determined by individual middle schools.  
Content: This course is for students whose reading abilities are below grade level proficiency levels. (Enrollment will be based on ISAT scores or other universal screener data and/or MTSS Team or counselor recommendation.) The goal is to build skills needed to meet reading proficiency requirements. ***This course is graded as pass/fail.***

**Writing Lab 6-8 A/B**

Course Number(s): 51010G0111, 51010G0112  
Open to: 6, 7, 8 (*This course can be repeated*)  
Length: Quarter or semester as determined by individual middle schools  
Content: This course will address remediation in the Common Core State Standards (CCSS) language and writing to move students toward meeting proficiency in these grade level standards. (Enrollment will be based on ISAT scores or other universal screener data and/or MTSS Team or counselor recommendation.) This course can be taken more than once. ***This course is graded as pass/fail.***

**Math Skills Lab 7 A/B**

Course Number(s): 52001B0011, 52001B0012  
Open to: 7 (*This course can be repeated.*)  
Length: Quarter or semester as determined by individual middle schools.  
Content: Emphasis will be on basic mathematical computation. This class will be taken in addition to their regular math class and in place of elective classes. Students will be identified based on grade in previous math class, teacher recommendation and/or parent request. ***This course is graded as pass/fail.***

## Elective Classes

### **Art 7-8**

Course Number(s): 55154G0011  
Open to: 7, 8  
Length: Semester  
Content: Students will participate in a variety of experiences using the elements and principles of design. The students will explore the fundamentals of drawing, painting, sculpture, and art history. This course fulfills the prerequisite requirement for Drawing and Painting as well as Pottery and Sculpture.

### **Advanced Art 7-8**

Course Number(s): 55154G0021  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8  
Content: Students will participate in a variety of experiences using the elements and principles of design. The students will explore the fundamentals of drawing, painting, sculpture, and art history. This course fulfills the prerequisite requirement for Drawing and Painting and Pottery and Sculpture.

### **Drawing-Painting 7-8**

Course Number(s): 55154H0011  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8  
Content: Students will explore the elements and principles of design as they apply to two-dimensional artwork. Students will learn drawing and painting techniques as well as explore a variety of media and art history.

### **Advanced Drawing-Painting 7-8**

Course Number(s): 55154G0031  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8 or Advanced Art 7-8  
Content: Students will continue to learn about the elements and principles of design as they apply to two-dimensional artwork. Students will learn advanced drawing and painting techniques as well as explore a variety of media and art history.

### **Pottery-Sculpture 7-8**

Course Number(s): 55154H0021  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8  
Content: Students will explore the elements and principles of design as they apply to three-dimensional artwork. Students will learn basic clay building techniques, utilize sculptural media and explore art history.

### **Advanced Pottery-Sculpture 7-8**

Course Number(s): 55154G0041  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8 or Advanced Art 7-8  
Content: Students will continue to learn about the elements and principles of design as they apply to three-dimensional artwork. Students will learn advanced clay building techniques, utilize sculptural media and explore art history.

### **Theatre I 7-8**

Course Number(s): 55051G0021  
Open to: 7, 8  
Length: Semester  
Content: This class is designed for the student who enjoys dramatic presentations. Students will explore drama through performance, communication, criticism, history/culture, and vocational activities. An emphasis is placed on performance and communication. Presentations may include sacred and/or secular pantomime, oral interpretations, Reader's Theater, mini plays, radio theater speeches, and puppetry.

**Theatre II 7-8**

Course Number(s): 55055G0021  
Open to: 7, 8  
Length: Semester  
Prerequisite: Theatre I 7-8 or instructor recommendation  
Content: This course is an introduction to basic acting techniques and terminology. These may include sacred and/or secular pantomime, improvisation, characterization, memorization, skits, and scenes. Students develop voice, create a character, evaluate a play, and perform in scenes. Students also will learn components of theater history, criticism, and vocational opportunities.

**Theatre III 7-8**

Course Number(s): 55055G0041  
Open to: 7, 8  
Length: Semester  
Prerequisite: Theater II 7-8 or instructor recommendation  
Content: This class is an advanced class where students will continue to explore acting and theatre through a wide variety of performances (which may have secular or sacred themes) and class exercises. Emphasis is placed on the actors' imagination, self-awareness, self-control, and observation.

**Adaptive Music 6-8 A/B**

Course Number(s): 55146G0010  
Open to: 6, 7, 8  
Length: Semester  
Content: Students participating in Adaptive Music will experience music through a hands-on approach. This class is meant to support goals and standards in content areas as well as meet social, emotional, and academic areas. The intention of the class is to enhance learning for students who learn effectively through music.

**Band – Brass-Percussion 7 A/B**

Course Number(s): 55101G0011, 55101G0012  
Open to: 7  
Length: Year  
Content: This class is for brass and percussion students with preferably one year of prior band experience. Students are expected to practice a minimum of 100 minutes per week at home. Students will study and perform a variety of styles of music including pop, sacred, secular, spirituals and other genres. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them.

**Band – Woodwinds 7 A/B**

Course Number(s): 55101G0021, 55101G0022  
Open to: 7  
Length: Year  
Content: This class is for band and woodwind students with preferably one year of prior band experience. Students are expected to practice a minimum of 100 minutes per week at home. Students will study and perform a variety of styles of music including pop, sacred, secular, spirituals and other genres. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them.

**Beginning Guitar 6-8**

Course Number(s): 55101G0041  
Open to: 7, 8  
Length: Semester  
Content: Students will learn the skills necessary to play guitar, including the reading of notes and musical notation. During this course a variety of musical styles will be dealt with, including sacred and/or secular blues, rock, jazz, and country.

**Choir 7-8 A/B**

Course Number(s): 55111G0011, 55111G0012  
Open to: 7, 8  
Length: Year  
Content: This class gives students an introduction and foundation in singing two and three-part music of various styles, with emphasis on the enjoyment of singing. Students will perform a variety of styles of music which may include pop, sacred, secular, spirituals, and madrigals. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them.

**Honors Choir 7-8 A/B**

Course Number(s): 55111G0021, 55111G0022  
Open to: 7, 8 (*This course can be repeated*)  
Length: Year  
Prerequisite: Audition  
Content: Students will work on Idaho State Music Standards through an accelerated choral ensemble setting. Students will learn more advanced theory, singing technique, and choral music that builds on the level of knowledge students already possess. The choir will learn through a variety of genres and styles of music. This is a performance ensemble and some outside class performance opportunities will be offered.

**Orchestra 7-8 A/B**

Course Number(s): 55101G0051, 55101G0052  
Open to: 7, 8 (*This course can be repeated*)  
Length: Year  
Content: This class is for orchestra students with preferably one year of prior orchestra experience on violin, viola, cello, or string bass. Students will study and perform a variety of styles of music including pop, sacred, secular, spirituals and other genres. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them.

**Computer Exploration I 7-8**

Course Number(s): 60004T0011  
Open to: 7, 8  
Length: Semester  
Prerequisite: Expl Keyboarding 6 or Teacher Approval  
Content: This course is designed to utilize computers as tools to create word processing, spreadsheet, multimedia presentations and basic desktop publishing. Emphasis will be placed on real-world applications of the software presented, digital citizenship and Internet safety concepts. A review of proper keyboarding techniques will be emphasized for improving the accuracy and speed of work productions.

**Introduction to Computer Coding**

Course Number(s): 60004T0031  
Open to: 7, 8  
Length: Semester  
Prerequisite: None  
Content: Students will explore computer coding concepts and work on animation and game design skills. They will create a web site presence and delve into generating apps for phones. Students who are interested in enrolling need to possess good keyboarding skills and be proficient in math and math problems.

**AVID 7 A & B**

Course Number(s): 72003G0011, 72003G0012  
Open to: 7  
Credit: 2  
Prerequisite: Teacher recommendation/Application/ Interview/Acceptance into the program  
Content: AVID is a college preparatory program where students in the academic middle are being prepared for four-year college eligibility. While in AVID, students are enrolled in rigorous classes, and attend a yearlong academic elective class-called AVID-taught by a trained AVID teacher. AVID provides a rigorous curriculum for each grade level that develops students' academic skills and behavior. Tutorials are built into the AVID curriculum and are facilitated by a college student, or former college student, who has been trained in AVID strategies. Tutors facilitate the student led tutorial groups where inquiry and collaboration take place. AVID helps ensure that students, once accepted to college, possess the high-level skills they need for college success.

**Asst Student Tech 7-8**

Course Number(s): 88500G0060  
Open to: 7, 8  
Length: Semester  
Prerequisite: Application, instructor interview, and instructor's signature required on registration form. **GPA of at least 2.0**  
Grade: Pass/Fail  
Content: The goal of the Assistant Student Tech position(s) is to provide the opportunity to obtain and apply knowledge in a professional and organized setting through active participation with technical support for the staff and students in the building. Students taking this course will gain valuable work experience while continuously learning and growing around current technology.

**Maker Lab 6-8 (Pathways Middle School Only)**

Course Number(s): 71001G0010  
Open to: 6, 7, 8  
Length: Semester  
Prerequisite: None  
Content: This course introduces design model thinking and basic maker skills such as circuitry, 3D modeling, and coding. Students will be able to work in groups and independently to solve community and global issues through unique inventions. Students will have the opportunity to showcase their projects for community members at the end-of-course event. This course is repeatable for credit.

**Graphic Arts**

Course Number(s): 61151T0011  
Open to: 7  
Length: Semester  
Content: This course is designed to acquaint the student with knowledge and skills needed in the area of beginning graphic arts. The students will gain experience in the proper use of computer aided drafting software, drafting equipment usage, lettering, geometrical design, and layout techniques of design. The students will study logo design, desktop publishing, and basic skills needed in silkscreen printing. The students also will study newspaper advertisement layout and put together various assignments using PowerPoint software.

**Family & Consumer Science (FCS) I**

Course Number(s): 72201T0011  
Open to: 7, 8  
Length: Semester  
Content: Students explore personal development, sewing and textiles, resource management, kitchen management, healthy food choices, and family/community relationships. (This course is a prerequisite for FCS II.)

**Family & Consumer Science (FCS) II**

Course Number(s): 72206T0011  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful completion of FCS I  
Content: FCS II will build on the skills learned in FCS 1. Students explore sewing and textiles, consumer resource management, nutrition and food preparation, caring for others as well as family and personal development. (This course is a prerequisite for FCS III.)

**Peer Tutor 7-8**

Course Number(s): 88500G0051  
Open to: 7, 8 (*This course can be repeated.*)  
Length: Semester  
Prerequisite: Teacher or counselor recommendation is needed.  
Content: The peer tutors are involved in assisting students with special needs one-on-one in their mainstream classes. Students must be kind and caring, accepting of other's feelings and have a willingness to take direction in helping other students. The Extended Resource Room teachers supervise peer tutors. A brief, pre-training session is required in addition to a final essay reflecting the peer tutoring experience. ***This course is graded as pass/fail.***

**Library Assistant 7-8 A/B**

Course Number(s): 88500G0011, 88500G0012  
Open to: 7 (*This course can be repeated.*)  
Length: 1 or 2 semesters  
Prerequisite: Counselor/Librarian Recommendation  
Content: Students will gain skills in organization, responsibility, and people skills while serving as assistants to library staff members. ***This course is graded as pass/fail.***

**Spanish Language & Culture 7-8 A/B (Galileo only)**

Course Number(s): 56101G0051, 56101G0052  
Open to: 7  
Length: Semester  
Content: Students will be introduced to the culture and people of Spanish speaking countries. They will also begin a study of the Spanish language, emphasizing a hands-on approach to learning. Integration would occur with the core subjects of social studies, language arts, and science.

**Spanish 6-8 I A/B**

Course Number(s): 56101G0021, 56101G0022  
Open to: 7, 8  
Length: Year  
Content: This class introduces the student to basic Spanish conversation, vocabulary, grammar, history, and culture. Conversation in Spanish is encouraged. Frequent homework is required. **This class will be recorded on the student's high school transcript and will be computed in their high school GPA.**

**Introduction to Horticulture 7-8**

Course Number(s): 53051G0011  
Open to: 7, 8  
Length: Semester  
Content: This course focuses on concepts and skills centered on plant growth and development. Careers are explored in Agri-Business. The impacts of agricultural choices are explored for the individual and his or her community.

**Math Excursions**

Course Number(s): 52001G0031  
Open to: 7, 8  
Length: Semester  
Content: This course offers students the chance to explore areas of mathematics not commonly covered in the standard curriculum. Students will experiment with tangrams, miras, probability, geometric design, and more.

**Study Lab 7 A/B**

Course Number(s): 72003B0011, 72003B0011  
Open to: 7 (Elective) (*This course can be repeated.*)  
Length: Semester  
Content: This course is for students who are deficient in completing course assignments as identified by teachers and counselors. After receiving instruction in basic study skills students will apply those skills to their assigned coursework in a monitored environment. Students also will have access to school resources (computers, printers, etc.,) and be able to study for tests. ***This course is graded as pass/fail.***

**Science of Technology/Automation and Robotics (Galileo)**

Course Number(s): 71001T0011  
Open to: 7  
Length: Semester  
Content: This course traces how science has affected technology throughout history and the development of automation and robotics. Students learn about the mechanics of motion, the conversion of energy, the use of science to improve communication, structures, energy transfer, machine automation, and computer control systems. Students acquire knowledge and skills in engineering problem solving and explore requirements for careers in engineering.

**Intro to Stagecraft**

Course Number(s): 55051G0031  
Open to: 7, 8  
Length: Semester  
Content: This theatre class teaches and builds technical skills focusing on scenery construction, costume design, lighting design and operation, make-up and sound effects. The roles of producer, stage manager, and publicist will be explored. This is not an acting class.

**Publications A/B**

Course Number(s): 51103G0011, 51103G0012 (If the teacher is journalism certified, use course number 61101G0011)  
Open to: 7, 8 (*This course can be repeated*)  
Length: 1 or 2 Semesters  
Content: Students learn the basic forms of journalistic writing, design, and layout. Students should be able to work independently, write with few grammatical errors, take responsibility for their work, and meet deadlines. Publications students will produce a school newspaper and may produce a magazine of student work. Students who successfully complete this course do not need to take Introduction to Newspaper in high school.

**Filmmaking I**

Course Number(s): 55154G0071  
Open to: 7, 8  
Length: Semester  
Content: This course introduces basic cinematography and scriptwriting concepts needed for all parts of the production processes. With the use of digital video cameras and computer editing software, students are able to complete various projects, such as public service announcements, animation and meaningful storytelling. Common Core writing needs are addressed within the scriptwriting of this class.

**Environmental Issues**

Course Number(s): 53003G0011  
Open to: 7, 8  
Length: Semester  
Content: This course will cover the most pressing environmental issues facing the country today. Both sides of issues will be presented with the help of guest speakers. Laboratory investigations will draw from both life and physical science skills. Students may be involved with projects that will take them outdoors. It is further expected that projects such as recycling will result in the improvement of the school environment.

**Visual Design (Photography I)**

Course Number(s): 55154G0051  
Open to: 6, 7, 8  
Length: Semester Elective  
Content: This course will introduce students to the basic aspects of visual artistic design. Content of the course may include the following: basic elements of design, composition, subjects, understanding exposure, camera operation, lighting and light quality, film speeds and formats, flash pictures, and darkroom black-and-white films.

## 8<sup>th</sup> Grade

### Required Core Classes

#### **Advisory 8**

Course Number(s): 72102G0021  
Open to: 8  
Length: Year  
Content: Advisory is a twenty-minute daily meeting time for students and their teachers. Advisory serves as a home base for students, offering them the opportunity to review the personal, social, academic and study skills, introduced and developed in the 6<sup>th</sup> and 7<sup>th</sup> grade programs. In addition, focus will be placed on career awareness. ***This is a no-credit course.***

#### **English 8**

Course Number(s): 51002G0011, 51002G0012  
Open to: 8  
Length: Year  
Credits: 2  
Content: English 8 integrates the skills identified for 8<sup>th</sup> grade by district and state standards. Four concept-based units are covered. See the West Ada School District website for detailed descriptions. Instruction focuses on reading strategies, comprehension skills, the writing process, modes of writing, writing traits, and language usage. Students will read from various genres.

#### **English Honors 8**

Course Number(s): 51002H0011, 51002H0012  
Open to: 8  
Length: Year  
Credits: 2  
Prerequisite: Signed Rigor Commitment Form required  
Content: English Honors 8 offers rigorous, accelerated instruction in the reading process, reading comprehension and interpretation, the writing process, writing applications, and writing components. Students will complete in-depth studies of literary selections connected to the concept-based units and develop advanced literary response skills. Emphasis is placed on the research process, longer writing formats, including using writing as assessment, self-selected reading and individualized projects. Successful honors students tend to score in the advanced category on the Reading ISAT, attend class regularly, consistently meet deadlines, and have a willingness to work outside of class.

#### **Physical Science 8**

Course Number(s): 53159G0011, 53159G0012  
Open to: 8  
Length: Year  
Credits: 2  
Content: Fundamental physical science principles are introduced through student involvement in hands-on learning activities. A well-balanced introduction to chemistry and physics is provided as students explore the periodic table, chemical reactions, and the laws of motion and energy. Practical application and authenticity are stressed with an emphasis on writing skills, technology, and career investigations.

#### **Physical Science Honors 8**

Course Number(s): 53159H0011, 53159H0012  
Open to: 8  
Length: Year  
Credits: 2  
Prerequisite: Signed Rigor Commitment Form required  
Content: This accelerated course covers the same concepts and principles as Physical Science, but in more depth and at a rapid pace. This allows the student to examine current topics of physical science, participate in enrichment activities, research topics more thoroughly, and participate in more hands-on laboratory experiences.

**Math 8 A/B**

Course Number(s): 52052G1011, 52052G1012  
Open to: 8  
Length: Year  
Credits: 2  
Content: This is the Idaho State Standards Math class for 8<sup>th</sup> grade students. Its focus is to build the requisite conceptual understanding of irrational numbers, exponents, functions, geometry, statistics and probability, and the correct application of mathematical expression and equations to describe the above and solve real world problems.

**Honors HS Math I A/B**

Course Number(s): 52052H1031, 52052H1032  
Open to: 8  
Length: Year  
Credit: 2  
Prerequisite: Honors Math 7  
Content: The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. This course uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. **This class will be recorded on the student's high school transcript and will be computed in their high school GPA.**

**Western Geographical Perspectives**

Course Number(s): 54001G0010  
Open to: 8  
Length: Semester  
Content: This course is designed to give students a comprehensive study of geographical perspectives in the Western World. Emphasis will be placed on an introduction to geographic skills, and the study of how physical geography, history, government, culture and economics within a region impact those living in that region and other countries and people throughout the world. Specific units of study will include: Introduction to Geography, USA and Canada, Central America, South America and Western Europe.

**Health 8**

Course Number(s): P1: 58051G0011 P2: 58051G0021  
Open to: 8  
Length: Semester  
Credits: 1  
Content: This class helps young people make independent, informed decisions concerning their physical, mental, and social well-being. It will focus on core concepts while implementing health related skills. It will encourage students to discover their capability and responsibility for developing attitudes and patterns of behavior that promote a full and satisfying life. **Note:** only P1 students will have the option to opt-out of the following portions of the health curriculum: human sexuality, STDs/STIs, and HIV/AIDS. The primary differences between P1 and P2 is the level of questioning that will take place in the classroom. Additionally, instruction in P2 will include methods for preventing STIs/STDs and pregnancy.

**Physical Education 8 A/B**

Course Number(s): 58001G0021, 58001G0022  
Open to: 8  
Length: Year  
Credits: 2  
Content: Physical, mental, emotional, and social health is promoted in this class. This is accomplished by a variety of activities with emphasis on team sports and/or fitness. Students are encouraged to take responsibility for their own physical fitness. Students will participate each day and will need to wear attire that will allow them to safely and appropriately participate in physical activity while following dress code guidelines. Clothing such as shorts, T-shirts, sweats, and athletic-style footwear allows students to participate to the fullest and safest extent possible.

**Multi-Fitness Education A/B**

Course Number(s): 58001G0051, 58001G0052

Open to: 8

Length: Semester or Year

Credits: 1-2

Content: This class will encourage students to take ownership of their health and wellness. A focus will be placed on strength training, aerobic conditioning, speed and agility development, flexibility, goal setting and overall wellness. Students who desire to gain muscular strength and aerobic endurance are highly encouraged to participate. Students will participate each day and will need to wear attire that will allow them to safely and appropriately participate in physical activity while following dress code guidelines. Clothing such as shorts, T-shirts, sweats, and athletic-style footwear allows students to participate to the fullest and safest extent possible.



## Elective Classes

### **Art 7-8**

Course Number(s): 55154G0011  
Open to: 7, 8  
Length: Semester  
Content: Students will participate in a variety of experiences using the elements and principles of design. The students will explore the fundamentals of drawing, painting, sculpture, and art history. This course fulfills the prerequisite requirement for Drawing and Painting as well as Pottery and Sculpture.

### **Advanced Art 7-8**

Course Number(s): 55154G0021  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8  
Content: Students will participate in a variety of experiences using the elements and principles of design. The students will explore the fundamentals of drawing, painting, sculpture, and art history. This course fulfills the prerequisite requirement for Drawing and Painting and Pottery and Sculpture.

### **Drawing-Painting 7-8**

Course Number(s): 55154H0011  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8  
Content: Students will explore the elements and principles of design as they apply to two-dimensional artwork. Students will learn drawing and painting techniques as well as explore a variety of media and art history.

### **Advanced Drawing-Painting 7-8**

Course Number(s): 55154G0031  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8 or Advanced Art 7-8  
Content: Students will continue to learn about the elements and principles of design as they apply to two-dimensional artwork. Students will learn advanced drawing and painting techniques as well as explore a variety of media and art history.

### **Pottery-Sculpture 7-8**

Course Number(s): 55154H0021  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8  
Content: Students will explore the elements and principles of design as they apply to three-dimensional artwork. Students will learn basic clay building techniques, utilize sculptural media and explore art history.

### **Advanced Pottery-Sculpture 7-8**

Course Number(s): 55154G0041  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful Completion of Art 7-8 or Advanced Art 7-8  
Content: Students will continue to learn about the elements and principles of design as they apply to three-dimensional artwork. Students will learn advanced clay building techniques, utilize sculptural media and explore art history.

### **3-D Art 8 (CMS only)**

Course Number(s): 55154G0090  
Open to: 8  
Length: Quarter  
Prerequisite: Successful completion of Art 7-8  
Content: Students will explore the elements and principles of design as they apply to three-dimensional artwork. Students will learn basic clay building techniques, utilize sculptural media, and explore art history.

**AVID 8 A & B**

Course Number(s):	72003G0013, 72003G0014
Open to:	8
Credit:	2
Prerequisite:	Teacher recommendation/Application/ Interview/Acceptance into the program
Content:	AVID is a college preparatory program where students in the academic middle are being prepared for four-year college eligibility. While in AVID, students are enrolled in rigorous classes, and attend a yearlong academic elective class-called AVID-taught by a trained AVID teacher. AVID provides a rigorous curriculum for each grade level that develops students' academic skills and behavior. Tutorials are built into the AVID curriculum and are facilitated by a college student, or former college student, who has been trained in AVID strategies. Tutors facilitate the student led tutorial groups where inquiry and collaboration take place. AVID helps ensure that students, once accepted to college, possess the high-level skills they need for college success.

**Art – Adv Pottery Sculpture (Schools of Choice Only)**

Course Number(s):	55154H0041
Open to:	8
Length:	Semester
Prerequisite:	Successful Completion of Pottery and Sculpture 7 or 8
Content:	Students will explore the elements and principles of design as they apply to three-dimensional artwork. Students will continue to develop and apply pottery skills introduced in Art – Pottery and Sculpture. Students will use advanced techniques in construction, hand-building, and decoration. Students will also study historically significant sculptures in art history.

**Art – Mixed Media 8 (Schools of Choice Only)**

Course Number(s):	55154G0081
Open to:	8
Length:	Semester
Prerequisite:	Successful Completion of Drawing and Painting 8
Content:	Students will participate in a variety of art experiences and explore the elements and principles of design. Students will produce original artworks and learn skills and techniques associated with a variety of art media. Students will work with printmaking, batik, collage, murals, paper design, and more.

**Art – Adv 3-D 8 (Schools of Choice Only)**

Course Number(s):	55154G0091
Open to:	8
Length:	Semester
Prerequisite:	Successful Completion of Pottery and Sculpture 8
Content:	Students will participate in a variety of art experiences and explore the elements and principles of design. Students will produce original artworks and learn skills and techniques associated with a variety of art media. Students will work with mosaic, glass art, installation art, assemblage, paper sculpture, and more.

**Adaptive Music 6-8 A/B**

Course Number(s):	55146G0011, 55146G0012
Open to:	6, 7, 8
Length:	Semester
Content:	Students participating in Adaptive Music will experience music through a hands-on approach. This class is meant to support goals and standards in content areas as well as meet social, emotional, and academic areas. The intention of the class is to enhance learning for students who learn effectively through music.

**Band 8 A/B**

Course Number(s):	55101G0031, 55101G0032
Open to:	8
Length:	Semester
Content:	This class is for band students with at least two years of successful prior band experience. Students are expected to practice a minimum of 120 minutes per week at home. Students will study and perform a variety of styles of music including pop, sacred, secular, spirituals and other genres. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them.

**Jazz Band 8 A/B**

Course Number(s): 55101G0061, 55101G0062  
Open to: 8  
Length: Year  
Prerequisite: Concurrent enrollment in Band 8  
Content: This course involves a group of instrumental musicians who study, rehearse, and perform contemporary and traditional jazz music. Students will be able to play in a variety of genres such as swing, Latin, and rock. They will learn to improvise in a variety of styles using basic harmony. Students will perform in the band as a section player and as a soloist. They will develop the fundamentals of jazz articulation and style. Students will gain a fundamental understanding of jazz music and jazz playing techniques.

**Beginning Guitar**

Course Number(s): 55101G0041  
Open to: 7, 8 (*This course can be repeated*)  
Length: Semester  
Content: Students will learn the skills necessary to play guitar, including the reading of notes and musical notation. During this course a variety of musical styles will be dealt with, including sacred and/or secular blues, rock, jazz, and country.

**Advanced Guitar 8**

Course Number(s): 55101G0042  
Open to: 8  
Length: Semester  
Prerequisite: Beginning Guitar  
Content: Students will receive lessons daily at a level appropriate for their experience. This course is not a beginning level class. Instruction targets an intermediate level of musicianship. Students rehearse separately from the beginning-level guitar class and perform as an autonomous ensemble at guitar concerts. Music may include sacred and/or secular themes.

**Orchestra 7-8 A/B**

Course Number(s): 55101G0051, 55101G0052  
Open to: 7, 8 (*This course can be repeated*)  
Length: Year  
Content: This class is for orchestra students with preferably one year of prior orchestra experience on violin, viola, cello, or string bass. Students will study and perform a variety of styles of music, including pop, sacred, secular, spirituals and other genres. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them.

**Choir 7-8 A/B**

Course Number(s): 55111G0011, 55111G0012  
Open to: 7, 8  
Length: Year  
Content: This class gives students an introduction and foundation in singing two and three-part music of various styles, with emphasis on the enjoyment of singing. Students will perform a variety of styles of music which may include pop, sacred, secular, spirituals, and madrigals. Students who take this course will have a variety of extracurricular performance and rehearsal opportunities available to them.

**Honors Choir 7-8 A/B**

Course Number(s): 55111H0021, 55111H0022  
Open to: 7, 8 (*This course can be repeated*)  
Length: Year  
Prerequisite: Audition  
Content: Students will work on Idaho State Music Standards through an accelerated choral ensemble setting. Students will learn more advanced theory, singing technique, and choral music that builds on the level of knowledge students already possess. The choir will learn through a variety of genres and styles of music. This is a performance ensemble and some outside class performance opportunities will be offered.

**Theatre I 7-8**

Course Number(s): 55051G0021  
Open to: 7, 8  
Length: Semester  
Content: This class is designed for the student who enjoys dramatic presentations. Students will explore drama through performance, communication, criticism, history/culture, and vocational activities. An emphasis is placed on performance and communication. Presentations may include sacred and/or secular pantomime, oral interpretations, Reader's Theater, mini plays, radio theater speeches, and puppetry.

**Theatre II 7-8**

Course Number(s): 55055G0021  
Open to: 7, 8  
Length: Semester  
Prerequisite: Theatre I 7-8 or instructor recommendation  
Content: This course is an introduction to basic acting techniques and terminology. These may include sacred and/or secular pantomime, improvisation, characterization, memorization, skits, and scenes. Students develop voice, create a character, evaluate a play, and perform in scenes. Students also will learn components of theater history, criticism, and vocational opportunities.

**Theatre III 7-8**

Course Number(s): 55055G0041  
Open to: 7, 8  
Length: Semester  
Prerequisite: Theater II 7-8 or instructor recommendation  
Content: This class is an advanced class where students will continue to explore acting and theatre through a wide variety of performances (which may have secular or sacred themes) and class exercises. Emphasis is placed on the actors' imagination, self-awareness, self-control, and observation.

**Computer Explorations I 7-8**

Course Number(s): 60004T0011  
Open to: 7,8  
Length: Semester  
Prerequisite: Expl Keyboarding 6 or instructor approval  
Content: This course is designed to utilize computers as tools to create word processing, spreadsheet, multimedia presentations and basic desktop publishing. Emphasis will be placed on real-world applications of the software presented, digital citizenship and Internet safety concepts. A review of proper keyboarding techniques will be emphasized for improving the accuracy and speed of work productions.

**Introduction to Coding**

Course Number(s): 60004T0031  
Open to: 7, 8  
Length: Semester  
Prerequisite: None  
Content: Students will explore computer coding concepts and work on animation and game design skills. They will create a web site presence and delve into generating apps for phones. Students who are interested in enrolling need to possess good keyboarding skills and be proficient in math and math problems.

**Asst Student Tech 7-8**

Course Number(s): 88500G0060  
Open to: 7, 8  
Length: Semester  
Prerequisite: Application, instructor interview, and instructor's signature required on registration form. **GPA of at least 2.0**  
Grade: Pass/Fail  
Content: The goal of the Assistant Student Tech position(s) is to provide the opportunity to obtain and apply knowledge in a professional and organized setting through active participation with technical support for the staff and students in the building. Students taking this course will gain valuable work experience while continuously learning and growing around current technology.

**Maker Lab 6-8 (Pathways Middle School Only)**

Course Number(s): 71001G0010  
Open to: 6, 7, 8  
Length: Semester  
Prerequisite: None  
Content: This course introduces design model thinking and basic maker skills such as circuitry, 3D modeling, and coding. Students will be able to work in groups and independently to solve community and global issues through unique inventions. Students will have the opportunity to showcase their projects for community members at the end-of-course event. This course is repeatable for credit.

**Graphic Communications**

Course Number(s): 61151G0012  
Open to: 8  
Length: Semester  
Content: Graphic communications is a one-semester course designed to give students practical application in ways of communicating with pictures. Students will generate numerous projects designed to focus on concepts such as page layout, desktop publishing, and multimedia presentations. They will learn how to create banners, logos, flyers, greeting cards, and numerous other publications. Major projects will focus on utilization of Microsoft Publisher, Microsoft Paint, Computer Aided Drafting, PowerPoint, and the incorporation of digital, still, and video photography.

**Gateway To Tech Pre-Engineering 8**

Course Number(s): 71051T0051  
Open to: 8  
Length: Semester  
Content: Students will meet the Science, Technology, Engineering, Math (STEM) criteria as they fabricate a series of projects, using the design process to solve problems and understand the influence that technology has on our lives through innovation. Students use industry standard III D. modeling software to create a virtual image of their designs. Students use a robotics platform to design, build, and program a solution to solve an existing problem.

**Industrial Technology 8 (Galileo STEM Academy only)**

Course Number(s): 71051T0021  
Open to: 8  
Length: Semester  
Content: This class is designed to give students hands-on experiences with a variety of the past and present systems to prepare students for the pre-engineering pathway Project Lead the Way (PLTW). These technologies include communication, manufacturing, construction, transportation, power, and energy.

**Visual Design (Photography I)**

Course Number(s) : 55154G0051  
Open to: 6, 7, 8  
Length: Semester  
Content: This course will introduce students to the basic aspects of visual artistic design. Content of the course may include the following: basic elements of design, composition, subjects, understanding exposure, camera operation, lighting and light quality, film speeds and formats, flash pictures, and darkroom black-and-white films.

**Peer Tutor 7-8**

Course Number(s): 88500G0051  
Open to: 7, 8 (*This course can be repeated.*)  
Length: Semester  
Prerequisite: Teacher or counselor recommendation needed  
Content: The peer tutors are involved in assisting students with special needs one-on-one in their mainstream classes. Students must be kind and caring, accepting of other's feelings and have a willingness to take direction in helping other students. The Extended Resource Room teachers supervise peer tutors. A brief pre-training session is required in addition to a final essay reflecting the peer tutoring experience. ***This course is graded as pass/fail.***

**Assistants**

Course Number(s): **Counseling** – 88500G1011 **Office** – 88500G1031 **Library** – 88500G1021 **Teacher** – 88500G1051  
Open to: 8 (*This course can be repeated.*)  
Length: 1 or 2 semesters  
Prerequisite: Counselor/Teacher/Library Recommendation  
Content: Counselor/Office/Teacher – Each school offers students the opportunity to serve as an assistant. They will work with staff, students, and parents.  
Library – Students will gain skills in organization, responsibility, and people skills while serving as assistants to staff members. ***These courses are graded as pass/fail.***

**Spanish Language & Culture 7-8 A/B (Galileo only)**

Course Number(s): 56101G0051, 56101G0052  
Open to: 8  
Length: Semester  
Content: Students will be introduced to the culture and people of Spanish speaking countries. They will also begin a study of the Spanish language, emphasizing a hands-on approach to learning. Integration would occur with the core subjects of social studies, language arts, and science.

**Spanish 6-8 I A/B**

Course Number(s): 56101G0021, 56101G0022  
Open to: 7, 8  
Length: Year  
Content: This class introduces the student to basic Spanish conversation, vocabulary, grammar, history, and culture. Conversation in Spanish is encouraged. Frequent homework is required. **This class will be recorded on the student's high school transcript and will be computed in their high school GPA.**

**Spanish 6-8 II A/B**

Course Number(s): 56101G0031, 56101G0032  
Open to: 8  
Length: Year  
Prerequisite: Spanish I AB  
Content: This class emphasizes Spanish conversation, verb and grammar structure, reading, writing, culture, and history. Conversation in Spanish is encouraged. **This class will be recorded on the student's high school transcript and will be computed in their high school GPA.**

**Discovering Languages-Cultures**

Course Number(s): 56101G0041  
Open to: 8  
Length: Semester  
Content: This course is an overview of four foreign languages currently offered at the high school level; French, German, Latin, and Japanese. Students will be exposed to language, art, music, and social studies activities serving to introduce them to multi-cultural concepts and a global society.

**Intro to Wildlife Biology (Heritage Science Program)**

Course Number(s): 53051G0041  
Open to: 8  
Length: Semester  
Content: This two-credit class will explore issues dealing with game and non-game animals in Idaho. The students will learn about techniques that biologists use to study wildlife populations and be introduced to careers in Wildlife Biology.

**Aquatic Ecology**

Course Number(s): 53051G0021  
Open to: 8  
Length: Semester  
Content: Students will use SITE kits and GPS units to conduct research on sections of a local stream and wetland area to determine the quality of the ecosystem. The class will incorporate many areas of biological and chemical science. They will use computers to create PowerPoint presentations and to develop spreadsheets and graphs to record and analyze data.

**Astronomy 8**

Course Number(s): 53001G0011  
Open to: 8  
Length: Semester  
Content: This course is designed to introduce the student to the solar system and the planet Earth's involvement in that system. Through multi-media presentations, planetarium demonstrations, model construction, and various hands-on activities, students will discover the science behind astronomy. Library research is one form of data collection used for this course.

**Environmental Issues**

Course Number(s): 53003G0011  
Open to: 8  
Length: Semester  
Content: This course will cover the most pressing environmental issues facing the country today. Both sides of issues will be presented with the help of guest speakers. Laboratory investigations will draw from both life and physical science skills. Students may be involved with projects that will take them outdoors. It is further expected that projects such as recycling will result in the improvement of the school environment.

**Project Lead the Way - Medical Detectives**

Course Number(s): 53000G0010  
Open to: 8  
Length: Semester  
Credits: 1 Elective  
Prerequisite: None  
Content: Students will play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a "crime scene." They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

**Basic Electronics (Lake Hazel Middle Only)**

Course Number(s): 53151G0011  
Open to: 8  
Length: Semester  
Content: The course is designed to foster an interest in electronics and reinforce key concepts from Physical Science and Math. The course is to be 2/3 theory and 1/3 hands-on application. Hands-on will be project based and include building electronic devices and components. Core concepts introduced and developed will be AC/DC theory, electrical circuits, and electronic components.

**Introduction to Horticulture 7-8**

Course Number(s): 53051G0011  
Open to: 7, 8  
Length: Semester  
Content: This course focuses on concepts and skills centered on plant growth and development. Careers are explored in Agri-Business. The impacts of agricultural choices are explored for the individual and their community.

**Math Excursions**

Course Number(s): 52001G0031  
Open to: 7, 8  
Length: Semester  
Content: This semester elective offers students the chance to explore areas of mathematics not commonly covered in the standard curriculum. Students will experiment with tangrams, miras, geometric design, probability, and more.

**Math Skills Lab 8**

Course Number(s): 52001B0021  
Open to: 8 (*This course can be repeated.*)  
Length: Semester  
Content: Emphasis will be on basic mathematical computation. This class will be taken in addition to their regular math class and in place of elective classes. Students will be identified based on grade in previous math class, teacher recommendation and/or parent request. ***This course is graded as pass/fail.***

**Literacy Lab 6-8 A/B**

Course Number(s): 51067B0021, 51067B0022  
Open to: 8 (*This course can be repeated.*)  
Length: Quarter or a semester as determined by individual middle schools  
Content: This course is for students whose reading abilities are below grade level proficiency. (Enrollment will be based on ISAT scores or other universal screener data and/or MTSS Team or counselor recommendation.) The goal is to build skills needed to meet reading proficiency requirements.  
***This course is graded as pass/fail.***

**Writing Lab 6-8 A/B**

Course Number(s): 51010G0111, 51010G0112  
Open to: 6, 7, 8 (*This course can be repeated*)  
Length: Quarter or semester as determined by individual middle schools  
Content: This course will address remediation in the Common Core State Standards (CCSS) language and writing to move students toward meeting proficiency in these grade level standards. (Enrollment will be based on ISAT scores or other universal screener data and/or MTSS Team or counselor recommendation.) This course can be taken more than once. ***This course is graded as pass/fail.***

**Study Lab 8**

Course Number(s): 72003B0021  
Open to: 8 (Elective) (*This course can be repeated*)  
Length: Semester  
Content: This course is for students who are deficient in completing course assignments, as identified by teachers and counselors. After receiving instruction in basic study skills, students will apply those skills to their assigned coursework in a monitored environment. Students will also have access to school resources (computers, printers, etc.,) and be able to study for tests. ***This course is graded as pass/fail.***

**Career Discovery 8**

Course Number(s): 72151T0010  
Open to: 8  
Length: Semester  
Content: This course is designed to assist students in the discovery of various careers and employability skills. This class encompasses self-evaluation, career exploration, and future planning including how to budget their finances and save and invest their money. The use of group activities, hands-on-projects, and guest speakers is utilized to further enhance awareness of career opportunities.

**Family & Consumer Science (FCS) I**

Course Number(s): 72201T0011  
Open to: 7, 8  
Length: Semester  
Content: Students explore personal development, sewing and textiles, resource management, kitchen management, healthy food choices, and family/community relationships. (This course is a prerequisite for FCS II.)

**Family & Consumer Science (FCS) II**

Course Number(s): 72206T0011  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful completion of FCS I  
Content: FCS II will build on the skills learned in FCS I. Students explore sewing and textiles, consumer resource management, nutrition and food preparation, caring for others as well as family and personal development. (This course is a prerequisite for FCS III.)

**Family & Consumer Science (FCS) III**

Course Number(s): 72201T0031  
Open to: 8  
Length: Semester  
Prerequisite: Successful completion of FCS I and FCS II  
Content: This course will build on cooking skills learned in FCS I and FCS II. Students will explore a variety of concepts including consumer choices, personal development, food preparation, nutrition, and career readiness. This experience introduces students to knowledge, basic skills, and attitudes needed for an occupation in a professional-technical education.

**Publications A/B**

Course Number(s): 51103G0011, 51103G0012 (If the teacher is journalism certified, use course number 61101G0011)  
Open to: 7, 8 (*This course can be repeated*)  
Length: 1 or 2 Semesters  
Content: Students learn the basic forms of journalistic writing, design, and layout. Students should be able to work independently, write with few grammatical errors, take responsibility for their work, and meet deadlines. Publications students will produce a school newspaper and may produce a magazine of student work. Students who successfully complete this course do not need to take Introduction to Newspaper in high school.

**Recreational Reading & Creative Writing**

Course Numbers(s): 51104G0011  
Open to: 8 (*This course can be repeated*)  
Length: Semester  
Content: This course is designed to accommodate and encourage students' interest in reading and writing for lifetime fulfillment. Each unit introduces broad concepts that can be applied to both reading and writing.

**Magic of Electrons/Flight & Space A/B (Galileo only)**

Course Number(s): 71001T0021, 71001T0022  
Open to: 8  
Length: Year  
Content: Through hands-on projects, students explore the science of electricity, the movement of atoms, circuit design, and sensing devices. Students acquire knowledge and skills in basic circuitry design and explore the impact of electricity on our lives. Next, students are introduced to aeronautics, space, and the use of design in aerospace engineering. They learn about Newton's Law of Motion, forces, rockets, propulsion, and what makes things fly. Students acquire and apply knowledge and skills in engineering problem solving and explore the many aspects of aerospace engineering.

**Filmmaking I**

Course Number(s): 55154G0071  
Open to: 7, 8  
Length: Semester  
Content: This course introduces basic cinematography and scriptwriting concepts needed for all parts of the production processes. With the use of digital video cameras and computer editing software, students can complete various projects, such as public service announcements, animation and meaningful storytelling. Common Core writing needs are addressed within the scriptwriting of this class.

**Filmmaking II**

Course Number(s): 55154G0072  
Open to: 7, 8  
Length: Semester  
Prerequisite: Successful completion of Filmmaking I  
Content: This course builds on the basic cinematography and digital moviemaking techniques learned in Filmmaking I. With the use of digital video cameras and computer editing software, students produce videos that require more advanced editing procedures, such as blue/green screening, simple special effects, and stop motion. Furthermore, students will have to apply more advanced Common Core writing strategies into their scripts by being exposed to more challenging topics.

**Intro to Stagecraft**

Course Number(s):

55051G0031

Open to:

7, 8

Length:

Semester

Content:

This theatre class teaches and builds technical skills focusing on scenery construction, costume design, lighting design and operation, make-up and sound effects. The roles of producer, stage manager, and publicist will be explored. This is not an acting class.