

# Class Descriptions 2017-2018

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**Course Title:** K-2 STEM (Math and Science – Changes & Organisms/Life Cycles & Plants and Soils)

**Semester:** Yearlong

**Day and Block:** Monday – Block 2

**Grade Level Range:** Kindergarten - 2<sup>nd</sup> Grade

**Course Description:** Students develop an understanding of the number system, including how the position of a digit affects its value, and use this knowledge to develop skill with more complex computation. They begin making measurements with standard measuring tools. Core content includes: place value and the base ten system, addition and subtraction, measurement, numbers, operations, data/statistics/probability, and core processes of reasoning, problem solving, and communication.

Students will learn about Changes/Organisms the first semester. Students will investigate and uncover the phenomena of science. We will learn about changes first - As summer turns to fall and critters get ready for hibernation and migration, students will investigate and identify the basic needs and growth patterns of certain organisms. They will also discover the relationship and adaptations that plants and animals must make to survive in their environment which will bring us into the second quarter, students will get down to the business of studying various life cycles including the butterfly (which we will watch the egg turn into a caterpillar, cocoon and finally the butterfly. We will also study and investigate various other life cycles in the amazing world we live in

**At-Home Activities:** Math homework will be sent home.

**Class Size limit:** 20

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**Course Title:** K – 2 Art

**Semester:** Yearlong

**Day and Block:** Monday Block 1

**Grade Level Range:** Kindergarten - 2<sup>nd</sup> Grade

**Course Description:** Students will participate in Art lessons based on the Elements and Principles of Design. They will use excellent art materials with an emphasis on process, not product. They will be designing, drawing, painting, printing, carving and using clay. The atmosphere in this class is safe and based on individual expression. Focus will be on appropriate grade level expectations and creative endeavors.

**Class Size limit:** 20

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**Course Title:** K – 2 Language Arts

**Semester:** Yearlong

**Day and Block:** Wednesday – Blocks 1 and 2

**Grade Level Range:** Kindergarten - 2<sup>nd</sup> Grade

**Course Description:** This course will provide an integrated approach to reading and writing using thematic units, student’s interests and academic skills and abilities. Students will participate in small guided reading groups, writing projects (using the writing process and a variety of genres), journal writing, and literacy activities such as games, puzzles, and literacy folders

**Class Size limit:** 20

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**Course Title:** K-4 Star Investi-gators

**Semester:** Semester 1

**Day and Block:** Monday Blocks 3 & 4

**Grade Level Range:** Kindergarten – 4<sup>th</sup> Grade

**Course Description:** In this integrated class, students will use STAR (science, technology, art, and reading) to investigate various science topics. Each week will include research on a science topic using reading, writing, art and technology.

**Follow-up or at-home activities:** Keyboarding practice 3 times a week, 5 minutes a day, using our subscription to Typing Agent or another approved keyboarding program.

**Textbook/Materials needed:** None, although internet access at home is helpful.

**Class Size limit:** 20

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**Course Title:** 3 – 4 STEM

**Semester:** Yearlong

**Day and Block:** Monday Block 1

**Grade Level Range:** 3<sup>rd</sup> – 4<sup>th</sup> Grade

**Course Description:** This class will engage students in learning about the concepts of math operations and principles using hands-on concept development and skill practice. Students will participate in a variety of math investigations to help them develop basic math understanding using mathematical tools, manipulatives, math games, and peer collaboration. Students will be able to express their mathematical understanding both in oral and written form.

Students will explore both physical and life sciences through authentic, hands-on experiences. Join others in growing a curiosity, enthusiasm, and the necessary skills for scientific inquiry! Over the course of the year, we will be rotating through a variety of engaging subjects to build knowledge and know-how. Become young geologists delving into rocks, minerals, and magnets. Later, we will investigate weather, becoming expert meteorologists! Finally, we will learn about the many different soils in Washington State that help and grow our communities.

**Course Fee:** \$10 for Scholastic Science Magazine

**Class Size limit:** 20

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**Course Title:** 3 – 4 Language Arts

**Semester:** Yearlong

**Day and Block:** Wednesday Blocks 1 and 2

**Grade Level Range:** 3<sup>rd</sup> – 4<sup>th</sup> Grade

**Course Description:** During this year-long double-block course, students will read, write, discuss, and complete projects using fiction and non-fiction of varying lengths. A variety of writing genres and purposes will be explored and practiced, along with 21<sup>st</sup> communication skills. A newly adopted curriculum supporting Common Core standards will be incorporated.

**Course Fee:** \$10 for Scholastic News Magazine

**Class Size limit:** 20

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**Course Title:** 3 - 4 Social Studies – Oregon Trail

**Semester:** 1st

**Day and Block:** Wednesday Block 3

**Grade Level Range:** 3<sup>rd</sup> – 4<sup>th</sup> Grade

**Course Description:** In this semester-long simulation social studies course, students will 'Go West!' As family members seeking a new life in Oregon Territory in the 19<sup>th</sup> century, students will use collaboration and imagination to experience the great adventure. A focus will be placed on geography skills, historical facts, the use of fiction and non-fiction sources, and students should anticipate hands-on learning opportunities.

**Class Size limit:** 20

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**Course Title:** 3 - 4 Art

**Semester:** Yearlong

**Day and Block:** Monday Block 2

**Grade Level Range:** 3<sup>rd</sup> – 4<sup>th</sup> Grade

**Course Description:** Students will participate in Art lessons based on the Elements and Principles of Design. They will use excellent art materials with an emphasis on process, not product. They will be designing, drawing, painting, printing, carving and using clay. The atmosphere in this class is safe and based on individual expression. Focus will be on appropriate grade level expectations and creative endeavors.

**Class Size limit:** 20

**Course Title:** K-2 Engineering

**Semester:** 1st

**Day and Block:** Wednesday Block 3

**Grade Level Range:** K – 2<sup>nd</sup> Grade

**Course Description:** To introduce students to a basic understanding of physics principles such as force, levers, wheels, gears, and pulleys. Students will engage in hands-on exploration of the basic concepts of simple machines through fun problem solving activities. Students will also learn the basic concepts behind structures and forces, levers, wheels and axles, gears, and pulleys. Students will construct various structures using a wide selection of materials and the scientific method. Students will also have multiple opportunities to work with a partner or team.

**Class Size limit:** 20

**Course Title:** K-4 Fairytale Adventures

**Semester:** 2nd

**Day and Block:** Monday Blocks 3 & 4

**Grade Level Range:** K – 4<sup>th</sup> Grade

**Course Description:** In this integrated class, students will use reading, writing, technology, and art to plan routes to the Enchanted Castle and make literacy stops along the way. After reaching their “destination,” they will create their own fairytale plays.

**Textbook/Materials needed:** None, although internet access at home is helpful.

**Class Size limit:** 20

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**Course Title:** K – 4 Cultures Around the World

**Semester:** 2<sup>nd</sup>

**Day and Block:** Wednesday Block 3

**Grade Level Range:** K – 4<sup>th</sup> Grade

**Course Description:** Students will develop an interest and appreciation of cultures around the world, with an emphasis on geography, music, arts, foods, and languages. Students will get to immerse themselves in cultures from Ghana, Nicaragua, Australia, France, as well as a project of their own choosing. Time in class will mostly be hands on activities that illustrate the feel of these cultures.

**Class Size limit:** 20

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**Course Title:** K – 4 Drama

**Semester:** Yearlong

**Day and Block:** Wednesday Block 4

**Grade Level Range:** K – 4<sup>th</sup> Grade

**Course Description:** Introduce students to elements needed in the production of a short story or play. Students will learn how to read lines, practice scenes, improvise, use body movement and facial expression to tell a story, how to project voice, and perform in front of an audience. Students will also learn sign language and apply it to a variety of songs.

**Class Size limit:** 20

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**Course Title:** K – 4: PE  
**Semester:** Yearlong  
**Day and Block:** Wednesday Block 4  
**Grade Level Range:** 1<sup>st</sup> – 4<sup>th</sup> Grade

**Course Description:** Students will spend half of 4<sup>th</sup> block participating in an elementary fitness program that develops abilities in the areas of: balance, tumbling, dribbling, catching, throwing and other kinetic skills. From working individually to working as a team, students will develop strength and agility while having a great time.

**Class Size limit:** 20

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**Course Title:** 5 - 6 Science  
**Length of Class:** Yearlong  
**Day and Block:** Tuesday Block 1  
**Grade Level Range:** 5th - 6th Grade

**Course Description:** This is a course in 5<sup>th</sup> & 6<sup>th</sup> grade science. Concepts covered include scientific method, magnets & motors, earth science, and microworlds. The focus is hands on; most in-class time is spent exploring, experimenting and presenting results of research or investigations. Students will participate in the RLC Science Expo in April. Students will use their Office 365 accounts in class and for homework; homework will be assigned weekly and graded.

**At-home activities:** 1 to 2 hours of homework each week.

**Textbook/Materials:** Access to the internet outside of class is needed. Textbooks and most materials will be supplied by PARADE. Some materials may be needed from home to complete various projects throughout the year.

**Course Fee:** \$10 for Scholastic Science Magazine

**Class Size Limit:** 24

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**Course Title:** 5-6 Math Lab  
**Semester:** Yearlong  
**Day and Block:** Tuesday Block 2  
**Grade Level Range:** 5<sup>th</sup> – 6<sup>th</sup> Grade

**Course Description:** In this year long class, 5<sup>th</sup> & 6<sup>th</sup> grade math students will work through their individual math course based on curriculum selected collaboratively by parent and conferencing teacher. The teacher will be available to assist with difficult topics and support students in their efforts. Students who do not have a selected curriculum will work through the online exercises provided by Khan Academy, in conjunction with Engage NY, at the appropriate grade level.

**Class Size limit:** 24

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**Course Title:** 5 – 6 Art  
**Semester:** 2nd  
**Day and Block:** Thursday Block 3  
**Grade Level Range:** 5<sup>th</sup> - 6<sup>th</sup> Grade

**Course Description:** Students will participate in Art lessons based on the Elements and Principles of Art and Design. They will use excellent art materials with an emphasis on process, not product. They will be designing, drawing, painting, adapting, reflecting and writing. The atmosphere in this class is safe and based on individual expression. Focus will be on appropriate grade level expectations and creative endeavors.

**Course Fee:** \$10.00

**Class Size limit:** 18

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**Course Title:** 5 – 6 Drama  
**Semester:** 1st  
**Day and Block:** Thursday Block 3  
**Grade Level Range:** 5<sup>th</sup> – 6<sup>th</sup> Grade

**Course Description:** In this Drama/Theatre class students will learn to use their bodies and voices to convey character, setting and emotion. Theatre games, memorization, and team building exercises will be an important part of this course. Collaborative scene work will be the focus of class time with a culminating project due at the end of the semester. PARADE drama has a safe supportive class atmosphere and students with no drama experience are welcome.

**Class Size limit:** 18

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**Course Title:** 5 – 6 Language Arts  
**Semester:** Yearlong  
**Day and Block:** Thursday Blocks 1 and 2  
**Grade Level Range:** 5<sup>th</sup> and 6<sup>th</sup> Grade

**Course Description:** Language Arts class for 5<sup>th</sup> and 6<sup>th</sup> graders in PARADE invites students to develop their love of reading and writing with a collaborative community of peers. This class will provide an integrated approach to reading, listening, speaking, and writing instruction based on thematic units, student interests, and student's academic skills and abilities. Students will participate in literature groups, quarterly writing projects around the themes using the writing process and a variety of genres, editing skills, journal writing, and develop independence in learning how to be responsible for homework and classroom assignments. Graded reading and writing homework will be assigned each week. Possible topics include Relationships, People Who Changed the World, Ancient Asia, and Survival.

Students will have weekly homework, approximately 45 minutes a day, and are expected to come to class prepared.

**At-home Activities:** Students will be using their Office 365 accounts to manage in class and homework. Homework will include research, outside silent reading, vocabulary & word study, reading self-selected texts from our units of study, and weekly writing. Students should plan on spending time of language arts daily.

**Textbook/Materials:** Access to the internet outside of class will be needed for accessing assignments. Most materials will be supplied in class. Student may be asked to check books out from the library to support the learning that takes place in class.

**Class Size limit:** 24

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**Course Title:** 5 – 8 Galaxy Wars

**Semester:** 1st

**Day and Block:** Thursday Block 3 or 4

**Grade Level Range:** 5<sup>th</sup> - 8<sup>th</sup> Grade

**Course Description:** Involved in an intergalactic civil war, students use the knowledge they learn as cadets to defeat the enemy. Students train at the Intergalactic Space Academy where they study theories about the formation of the universe, map reading and navigation, astronomy, and spacecraft design. Along with completing a research report, they also document their beliefs about the growing social, economic, and political dissent occurring in the galaxy. Their training aids them as they form allies, strategize, and do battle by answering questions. Students will be given short weekly assignments. Homework will vary but averages about 1/2 hour per week. Homework will reinforce concepts covered in class. Many materials will be supplied in class. Individual student projects may use materials found or purchased from home.

**Textbook/Materials:** Access to the internet outside of class will be helpful.

**Class Size limit:** 36

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**Course Title:** 5 – 8 Digital Photography

**Semester:** 2nd

**Day and Block:** Tuesday Block 3 or 4

**Grade Level Range:** 5<sup>th</sup> - 8<sup>th</sup> Grade

**Course Description:** Students in this class will explore a variety of techniques for using photography as a way to express themselves. Students will gain experience in the elements of photography as well as the modes of the

camera. They will also have an opportunity to work with photo editing software, and learn about organization of photos, printing, and posting their work on the web. Most project work is done in class, however, students are encouraged to practice their new skills at home. Students are welcome to use their own family camera; class cameras will be provided, but many students gain more time on task if they bring their own camera to use.

**At-home activities:** Students will be using their Office 365 accounts to manage photos in class and home.

**Textbook/Materials needed:** Access to the internet outside of class will be needed for accessing assignments. Cameras and most other materials will be supplied in class, however, students will benefit from having their own SD card and USB drive for this class.

**Course Fee:** \$10.00

**Class Size limit:** 18

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**Course Title:** 5 – 8 Write Your Own Magazine

**Semester:** 1st

**Day and Block:** Tuesday Block 3 or 4

**Grade Level Range:** 5<sup>th</sup> – 8<sup>th</sup> Grade

**Course Description:** Explore the power and creativity of words as you write your magazine. This class will encourage each writer as we explore the various types of writing included in a magazine. Students will develop their oral, written, and listening skills as they choose their own topic of interest, research this topic to find interesting articles, and compile them altogether in a final product. By the end of the semester, students will publish their magazine in digital and/or print format. Students will be asked to spend time each week writing outside of class, so please allow one hour per week for writing time.

**Follow-up or at-home activities:** Students will be using their Office 365 accounts to manage their writing in class and at home.

**Textbook/Materials needed:** Access to the internet outside of class will be needed for accessing assignments.

**Class Size limit:** 36

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**Course Title:** 5 – 8 Green Schools

**Semester:** 2nd

**Day and Block:** Thursday Block 3 or 4

**Grade Level Range:** 5<sup>th</sup> – 8<sup>th</sup> Grade

**Course Description:** Did you know the RLC is one of King County's "Green Schools"? This semester long springtime course will help us achieve our Level 2 status concerning Energy Conservation, while greatly improving our Level 1 achievements to Reduce, Reuse, and Recycle. This will be a hands-on, project-based class that will involve plenty of fresh-air and activity around campus as well fun labs in the classroom.

<http://your.kingcounty.gov/solidwaste/greenschools/>

**At-home activities:** Researching or finishing up one blog post per week.

**Class Size limit:** 36

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**Course Title:** 5 – 6 Creative Technology

**Semester:** 1st

**Day and Block:** Thursday Block 4

**Grade Level Range:** 5<sup>th</sup> – 6<sup>th</sup> Grade

**Course Description:** Students will delve into the growing world of technology in order to become technically savvy, while teaching and reinforcing basic keyboarding skills, as well as file saving, network navigation, safe internet use and browsing, and basic operations of Microsoft Office 365. This is a beginning class, but it is open ended and project based, so it can be repeated. Special projects will involve learning about various cloud based tools, along with learning how to use these tools to research topics and organize learning for other classes the student might be taking.

**Follow-up or at-home activities:** Students will be using their Office 365 accounts to manage assignments in class and at home.

**Textbook/Materials needed:** Access to the internet outside of class will be needed for accessing assignments.

Cameras and most other materials will be supplied in class, however, students will benefit from having their own headphones and USB drive for this class.

**Class Size limit:** 18

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**Course Title:** 5 – 6 Spanish: Conversation, Cultures, Connections

**Semester:** Yearlong

**Day and Block:** Tuesday Block 3

**Grade Level Range:** 5<sup>th</sup> – 6<sup>th</sup> Grade

**Course Description:** In this experiential class, students will develop Spanish language conversational skills while exploring the food, music and other cultural aspects of the Latin world. We'll learn through games, visuals, videos, maps, skits, crafts, guest speakers, field trips, and more. Students with prior Spanish language skills or those who want additional opportunities to expand their language development will have options to increase the level of challenge.

**Follow-up or at-home activities:** Students will be using their Office 365 accounts to manage assignments in class and at home.

**Textbook/Materials needed:** Access to the internet outside of class will be needed for accessing assignments.

**Course fee:** \$30.00

**Class Size** 18

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**Course Title:** 5 – 6 Caravans

**Semester:** 1st

**Day and Block:** Tuesday Block 4

**Grade Level Range:** 5<sup>th</sup> – 6<sup>th</sup> Grade

**Course Description:** Race across the world to explore its great cities and gather priceless artifacts. All caravans are not created equal; will your archaeology team have the geography know-how needed to succeed? This simulation incorporates cultural studies, history, and the geography skills needed to uncover our world's great

treasures. Students should anticipate opportunities for both hands-on and digital project-based learning, research, and presentations.

**Class Size limit: 18**

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**Course Title: 5 – 6 Castles**

**Semester: 2nd**

**Day and Block: Tuesday Block 4**

**Grade Level Range: 5<sup>th</sup> – 6<sup>th</sup> Grade**

**Course Description:** The average medieval castle was years in the making, and some took decades to build – students will craft and showcase a model castle in weeks. To complete this endeavor, students will learn about the people and engineering skills that made the medieval castle achievable - and necessary. Anticipate opportunities for hands-on learning and investigation of how the medieval castle can be seen as an architectural marvel that served medieval society in a variety of ways.

**Class Size limit: 18**

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**Course Title: 5-6 Journey North: Citizen Science**

**Semester: 2nd**

**Day and Block: Thursday Block 4**

**Grade Level Range: 5<sup>th</sup> – 6<sup>th</sup> Grade**

**Course Description:** Students will join in a global study of wildlife migration and seasonal change as citizen scientists. Students will get to study both local plants and animals, as well as tracking and reporting sightings to a global collection site. This class will be hands on; a project based course integrating math, science, writing, and photography. More on this global project can be found at <http://www.learner.org/jnorth/>

**Follow-up or at-home activities:** Students will be on the lookout for local changes throughout the semester to participate in collecting sightings to report each week.

**Textbook/Materials:** Access to the internet outside of class will be needed for accessing assignments.

**Class Size:** 18

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**Course Title:** 7-8 Journey North: Citizen Science

**Semester:** 2nd

**Day and Block:** Thursday Block 3

**Grade Level Range:** 7 – 8 Grade

**Course Description:** Students will join in a global study of wildlife migration and seasonal change as citizen scientists. Students will get to study both local plants and animals, as well as tracking and reporting sightings to a global collection site. This class will be hands on; a project based course integrating math, science, writing, and photography. More on this global project can be found at <http://www.learner.org/jnorth/>

**Follow-up or at-home activities:** Students will be on the lookout for local changes throughout the semester to participate in collecting sightings to report each week.

**Textbook/Materials:** Access to the internet outside of class will be needed for accessing assignments.

**Class Size:** 18

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**Course Title:** 7 – 8 Art

**Semester:** 2nd

**Day and Block:** Thursday Block 4



**Grade Level Range:** 7<sup>th</sup> – 8<sup>th</sup> Grade

**Course Description:** Students will participate in Art lessons based on the Elements and Principles of Design. They will use excellent art materials with an emphasis on process, not product. They will be designing, drawing, painting, adapting, reflecting and writing. The atmosphere in this class is safe and based on individual expression. Focus will be on appropriate grade level expectations and creative endeavors.

**Course Fee:** \$10.00

**Class Size limit:** 18

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**Course Title:** 7 - 8 Drama

**Semester:** 1st

**Day and Block:** Thursday Block 4

**Grade Level Range:** 7<sup>th</sup> – 8<sup>th</sup> Grade

**Course Description:** In this Drama/Theatre class students will learn to use their bodies and voices to convey character, setting and emotion. Theatre games, memorization, and team building exercises will be an important part of this course. Collaborative scene work will be the focus of class time with a culminating project due at the end of the semester. PARADE drama has a safe supportive class atmosphere and students with no drama experience are welcome.

**Class Size limit:** 18

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**Course Title:** 7 – 8 Science

**Semester:** Yearlong  
**Day and Block:** Tuesday Blocks 1 and 2  
**Grade Level Range:** 7<sup>th</sup> – 8<sup>th</sup> Grade  
**Course Description:** Biological and Environmental Studies

Biology is the study of living things and includes the cell, body structure, and function of simple to complex plants and animals and their relations to each other and the environment. Also included are such topics as classification, heredity, and ecology. This course will focus on lab science while cultivating appreciation and respect for life – the human body and all living things. Environmental studies will be explored through different aspects of the environment including air, water, land and biological resources. Students will study local and global issues and gain a deeper understanding of the complex interactions which make up and impact the environment in which they live. Students will learn about the complex interactions through labs, field experiences, current events, field trips and guest lectures. Part of the course will also entail students conducting research on a topic of their choice that they have identified which directly impacts their environment. Students are expected to become proficient in the use of laboratory equipment and procedures and use of methods of science to solve problems, along with developing note taking and internet research skills.

**At-home activities:** 1 – 2 hours of homework each week. Students will be using their Office 365 accounts to manage assignments in class and at home.

**Textbook/Materials:** Access to the internet outside of class will be needed for accessing assignments. Textbooks and most materials will be supplied by PARADE.

**Course Fee:** \$10 for Scholastic Science Magazine

**Class Size Limit:** 36

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**Course Title:** 7 – 8 Language Arts

**Semester:** Yearlong

**Day and Block:** Thursday Blocks 1 or 2

**Grade Level Range:** 7<sup>th</sup> – 8<sup>th</sup> Grade

**Course Description:** Language Arts class for 7<sup>th</sup> and 8<sup>th</sup> graders in PARADE is a combination of a traditional English class and a Humanities course. Students will read, write, discuss, create, and present on a different topic for each 8<sup>th</sup> week quarter. The goal is for students to increase reading and writing fluency and end the year at grade level in both. Students will have weekly homework, approximately 45 minutes a day, and are expected to come to class prepared. Students may be asked to check books out from the library to support the learning that takes place in class.

**Follow-up or at-home activities:** Students will be using their Office 365 accounts to manage assignments in class and at home.

**Textbook/Materials:** Access to the internet outside of class will be needed for accessing assignments. Textbooks and most materials will be supplied by PARADE.

**Class Size limit:** 36

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**Course Title:** 7 – 8 Tech

**Semester:** 1st

**Day and Block:** Thursday Block 3

**Grade Level Range:** 7<sup>th</sup> – 8<sup>th</sup> Grade

**Course Description:** Students will delve into the growing world of technology in order to become technically savvy, while teaching and reinforcing basic keyboarding skills, as well as file saving, network navigation, safe internet use and browsing, and basic operations of Microsoft Office 365. This is a beginning class, but it is open ended and project based, so it can be repeated. Special projects will involve learning about various cloud based tools, along with learning how to use these tools to research topics and organize learning for other classes the student might be taking.

**Follow-up or at-home activities:** Students will be using their Office 365 accounts to manage assignments in class and at home.

**Textbook/Materials needed:** Access to the internet outside of class will be needed for accessing assignments. Cameras and most other materials will be supplied in class, however, students will benefit from having their own headphones and USB drive for this class.

**Class Size limit:** 18

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**Course Title:** 7 – 8 Caravans

**Semester:** 1st

**Day and Block:** Tuesday Block 3

**Grade Level Range:** 7<sup>th</sup> – 8<sup>th</sup> Grade

**Course Description:** Race across the world to explore its great cities and gather priceless artifacts. All caravans are not created equal; will your archaeology team have the geography know-how needed to succeed? This simulation

incorporates cultural studies, history, and the geography skills needed to uncover our world's great treasures. Students should anticipate opportunities for both hands-on and digital project-based learning, research, and presentations.

**Class Size limit: 18**

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**Course Title: 7 – 8 Castles**

**Semester: 2nd**

**Day and Block: Tuesday Block 3**

**Grade Level Range: 7<sup>th</sup> – 8<sup>th</sup> Grade**

**Course Description:** The average medieval castle was years in the making, and some took decades to build – students will craft and showcase a model castle in weeks. To complete this endeavor, students will learn about the people and engineering skills that made the medieval castle achievable - and necessary. Anticipate opportunities for hands-on learning and investigation of how the medieval castle can be seen as an architectural marvel that served medieval society in a variety of ways.

**Class Size limit: 18**

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**Course Title: 7 – 8 Spanish: Conversation, Cultures, Connections**

**Semester: Yearlong**

**Day and Block: Tuesday Block 4**

**Grade Level Range: 7<sup>th</sup> – 8<sup>th</sup> Grade**

**Course Description:** In this experiential class, students will develop Spanish language conversational skills while exploring the food, music and other cultural aspects of the Latin world. We'll learn through games, visuals, videos, maps, skits, crafts, guest speakers, field trips, and more. Students with prior Spanish language skills or those who want additional opportunities to expand their language development will have options to increase the level of challenge.

**Follow-up or at-home activities:** Students will be using their Office 365 accounts to manage assignments in class and at home.

**Textbook/Materials needed:** Access to the internet outside of class will be needed for accessing assignments.

**Course Fee:** \$30.00

**Class Size limit:** 18

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**Course Title:** 7-8 Math Lab

**Semester:** Yearlong

**Day and Block:** Monday Block 1 or 2

**Grade Level Range:** 7<sup>th</sup> – 8<sup>th</sup> Grade

**Course Description:** In this year long class, 7<sup>th</sup> & 8<sup>th</sup> grade math students will work through their individual math course based on curriculum selected collaboratively by parent and conferencing teacher. The teacher will be available to assist with difficult topics and support students in their efforts. Students who do not have a selected curriculum will work through the online exercises provided by Khan Academy, in conjunction with Engage NY, at the appropriate grade level.

**Class Size limit:** 36

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**Course Title:** 7-8 Social Studies

**Semester:** 1st

**Day and Block:** Thursday Block 1 or 2

**Grade Level Range:** 7<sup>th</sup> – 8<sup>th</sup> Grade

**Course Description:** S1 – Events and People in 20<sup>th</sup> C. America (7-8)

This semester-long social studies survey course will explore select moments and amazing figures of American cultural eras. This will be a companion course to the ELA class offered for 7<sup>th</sup> and 8<sup>th</sup> graders. Critical social studies skills will be a focus. Anticipate note-taking, close reading of source materials, gaining deeper understanding through discussion, and completion of independent project-based studies.

**Follow-up or at-home activities:** Students will be using their Office 365 accounts to manage assignments in class and at home.

**Textbook/Materials needed:** Access to the internet outside of class will be needed for accessing assignments.

**Class Size limit:** 36

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**Course Title:** 8<sup>th</sup> Grade Washington State History

**Semester:** 2nd

**Day and Block:** Thursday Block 1 or 2

**Grade Level Range:** 8<sup>th</sup> Grade (This course meets a high school graduation requirement)

**Course Description:** This course guides students through the human activities and relationships that have forged our state's identity. They will analyze the ways that the many cultural groups of Washington State have developed a vibrant lifestyle and economy. They will explore how ordinary citizens impact the rules that we live by. Studies will include history, economy, geography, government and culture to deepen their understanding of our state. This one semester class meets the high school graduation requirement for one half credit in Washington State History.

**Follow-up or at-home activities:** Students will be using their Office 365 accounts to manage assignments in class and at home.

**Textbook/Materials needed:** Access to the internet outside of class will be needed for accessing assignments.

**Class Size limit:** 18

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**Course Title:** Algebra I

**Semester:** Yearlong

**Credit:** .5/Semester

**Day and Block:** Wednesday Block 3/Sem 1 Wednesday Block 4/Sem 2

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** Yearlong course in Algebra introduces linear, exponential, quadratic and rational functions. Topics include properties of real numbers, linear equations, systems of linear equations and inequalities, exponents, quadratic functions, polynomials and factoring. Concepts are developed through graphs, diagrams and symbolic manipulation. In class activities and lectures support student learning at home. Students will be assessed via homework completion, quizzes and tests. Students will be given weekly assignments. Homework will vary but averages about 5-7 hours per week. Homework will include textbook reading, reinforcement of concepts via online videos and resources, and completion of homework problems.

**Class Size limit:** 24

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**Course Title:** Algebra II

**Semester:** Yearlong

**Credit:** .5/Semester

**Day and Block:** Wednesday Block 1

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** Yearlong course in Algebra 2 continuing to develop concepts in linear, exponential, quadratic and rational functions, trigonometry. Topics also include statistical data analysis, sequences and series, trigonometry, and probability models. Concepts are developed through graphs, diagrams and symbolic manipulation. In class activities and lectures support student learning at home. Students will be assessed via homework completion, quizzes and tests. Students will be given weekly assignments. Homework will vary but averages about 5-7 hours per week. Homework will include textbook reading, reinforcement of concepts via online videos and resources, and completion of homework problems.

**Class Size limit:** 24

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**Course Title:** Geometry

**Semester:** Yearlong

**Credit:** .5/Semester

**Day and Block:** Wednesday Block 2

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** Yearlong course in Geometry. Topics include: deductive and inductive reasoning, analyzing mathematical rules using algebraic proofs, proving geometric theorems involving parallel and perpendicular lines and congruent angles. Students also explore properties of triangles, proving triangle congruence and similarity, and the Pythagorean Theorem. Students use properties of polygons to classify, find perimeter and area, and to prove theorems regarding special parallelograms. Similarity and congruence of two- and three-dimensional figures, transformational geometry, right triangle geometry and trigonometry are also covered. Concepts are developed through graphs, diagrams and symbolic manipulation. In class activities and lectures support student learning at home. Students will be assessed via homework completion, quizzes and tests. Students will be given weekly assignments. Homework will vary but averages about 5-7 hours per week. Homework will include textbook reading, reinforcement of concepts via online videos and resources, and completion of homework problems.

**Class Size limit:** 24

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**Course Title:** High School Health

**Semester:** 2nd

**Credit:** .5

**Day and Block:** Wednesday Block 3

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** During this one semester graduation requirement course, students will: comprehend concepts related to health promotion and disease prevention; demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health.

**Class Size limit:** 30

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**Course Title:** High School Art  
**Semester:** 1<sup>st</sup>  
**Credit:** .5  
**Day and Block:** Monday Blocks 3 and 4  
**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** Students will participate in Art lessons based on the Elements and Principles of Design. They will use excellent art materials with an emphasis on process not product. They will be designing, drawing, painting, printing, carving and using clay. As an advanced high school class, students will be expected use their time wisely and create a portfolio of outstanding finished projects. My goal is to expose the student to a variety of mediums and to challenge them to try new things. Homework is a big part of this for credit class.

Students will have an art notebook that goes home and comes to school each week.

**Course Fee:** \$10.00

**Class Size limit:** 30

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**Course Title:** High School Drama  
**Semester:** 2nd  
**Credit:** .5  
**Day and Block:** Wednesday Block 4  
**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** In this Drama/Theatre class, students will continue to learn to use their bodies and voices to convey character, setting and emotion with a culminating productions at the end of the semester. Students may be asked to write and research. Homework is a part of this advanced drama class. A student may enroll in this class if they have had some drama experience.

**Class Size limit:** 30

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**Course Title:** HS Economics

**Semester:** 1st

**Credit:** .5

**Day and Block:** Monday Block 4

**Grade Level Range:** 10 – 12<sup>th</sup> Grade (9<sup>th</sup> grade with conferencing teacher permission)

**Course Description:** Students will be introduced to fundamental economic principles including: Economic systems, scarcity, monetary and fiscal policy, money and banking, stocks and bonds, the stock market, inflation and deflation, and how economics affects world markets. Students will participate in the stock market game where they get the opportunity to invest in a mock portfolio and assess its growth. The course will be taught and assessed through project based learning.

**Class Size limit:** 30

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**Course Title:** High School Math Lab

**Semester:** Yearlong

**Credit:** No Credit/Requirement if taking a high school math class

**Day and Block:** Thursday Block 3

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** Required class for ALL students taking Algebra I, Geometry, Algebra II, or an APEX math course. This class is an extension of the math classes listed above, and is a time designed to provide group work time, assistance with homework, and assessment opportunities.

**Class Size limit:** 30

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**Course Title:** High School Biology

**Semester:** Yearlong

**Credit:** .5/Semester

**Day and Block:** Thursday Blocks 1 & 2

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** Biology is the study of living things and includes the cell, body structure, and function of simple to complex plants and animals and their relations to each other and the environment. Also included are such topics as classification, heredity, and ecology. This course will fulfill the science requirement for graduation and the lab science requirements for college entrance, as well as increase an appreciation and respect for life - the human body and all living things. **Note:** This course is a lab science. Students are expected to become proficient in the use of laboratory equipment and procedures and use of methods of science to solve problems; note taking; internet research.

**Assignments:** Reading assignments, learning packets and/or projects and lab reports.

**Textbook/Materials:** Access to the internet outside of class will be helpful. Textbooks and most materials will be supplied by PARADE.

**Course Fee:** \$10.00

**Class Size limit:** 30

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**Course Title:** High School English

**Semester:** Yearlong

**Credit:** .5/Semester

**Day and Block:** Monday Block 1

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** This course is designed to strengthen skills in writing, reading, and communication, addressing Common Core standards in English Language Arts

Students will use diverse literature as a content source and include selections from Europe, Asia, South America, Africa and the Middle East.

The student will practice skills in the areas of note taking, paragraph and essay construction, oral communication, and literary analysis. A variety of assignments will include reading from the supplemental sources, writing essays and creative pieces, giving speeches, debating, participating in class discussion and completing individual and group projects. Students will earn 1/2 English credit per semester. These courses meet high school graduation requirements in English.

**Class Size limit:** 30

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**Course Title:** High School /Social Studies  
Semester 1/World Geography and Cultures  
Semester 2/Global Issues

**Semester:** Yearlong

**Credit:** .5/Semester

**Day and Block:** Monday Block 2

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** World Geography and Cultures: Students analyze governments, economies, peoples, and cultures from around the world in this course. Instruction emphasizes the structures and policies of differing geographic and cultural regions and how they compare to other systems in the international community. Students apply critical thinking and research skills to examine current events and contemporary issues, including human rights, the strengths and weaknesses of globalization, America's role in the international economy, the severe environmental threats facing many regions around the world today, how religion is often used to facilitate and justify violence. Students will be evaluated based on participation, presentations, projects and written assessments.

**Global Issues:** Global Issues will focus on recent and ongoing issues of both a domestic and international nature. Students will examine issues from a cause and effect relationship and pay particular attention to how they affect the world's political and social structures. Students will use online resources, a subscription to UpFront magazine and a textbook as research tools. Evaluation will be based on participation, completion of assigned projects, tests, and teacher evaluation.

Students have significant weekly assignments to prepare for the following week's class due to our short time in class.

**Course Fee:** \$10.00 for World Geography and Cultures for Up Front Magazine

**Class Size limit:** 30

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**Course Title:** HS Computer Programming

**Semester:** Yearlong

**Credit:** .5/Semester

**Day and Block:** Monday Block 3

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** Students will learn computer programming principles and skills while learning to program in Python or other agreed upon programming language. Python is a powerful but easy to learn programming language. You will learn the basics of building simple interactive applications in Python, while gaining programming skills using functions, conditionals, classes, local and global variables, input fields, and lists. Additionally, you will grow in your understanding of how programming skills can be applied to real world applications. This is a project based class. Students will complete game design projects to help them master course objectives.

**At-home activities:** This course requires a minimum of 3 hours of outside work per week.

**Textbook/Materials:** Provided by instructor

**Class Size limit:** 30

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**Course Title:** HS Technology

**Semester:** 1st

**Credit:** .5/Semester

**Day and Block:** Wednesday Block 4

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** In this high school class, students will use Office 365 and other cloud-based software to learn keyboarding, productivity, including business and personal forms, various methods of presentation, and research tools. Emphasis during quarter one will be on individual and collaboration skills; during quarter two, students will pick a Technology Interest Project in an area of their own interest, design a learning project, find a mentor, and pursue an individualized technology project, with a presentation of project/skills learned at the end of the semester. Past TIP projects have included coding, photography editing, sound editing, podcasting, and blogging.

Materials will be supplied for quarter one; TIP projects may require purchase of more materials depending on the student's choice of study.

**At-home activities:** This course requires a minimum of 3 hours of outside work per week.

**Textbook/Materials:** Provided by instructor

**Class Size limit:** 30

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**Course Title:** HS Spanish I

**Semester:** Yearlong

**Credit:** .5/Semester

**Day and Block:** Thursday Block 4

**Grade Level Range:** 9<sup>th</sup> – 12<sup>th</sup> Grade

**Course Description:** In this class we will develop and apply our Spanish conversation skills. Through experiential learning with food, music, games and skits, students will practice conversational vocabulary, grammar and culture in context. Students will explore words used in different Spanish-speaking regions and learn about the cultures of Spanish-speaking regions and learn about the cultures of Spanish-speaking countries and regions within and outside Europe. Students will use APEX Spanish I.

**Course Fee:** \$30.00

**Textbook/Materials:** Provided by instructor

**Class Size limit:** 30

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