## Class Descriptions 2016 – 2017

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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 – Blocks 1 and 2

Grade Level Range: Kindergarten - 2nd Grade

Course Description:
Math – Students develop 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 process of reasoning, problem solving, and communication.

Science – 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 explore 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 examine various other life cycles in the amazing world we live in.

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

Class Size limit: 24

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Course Title: K – 2 Art

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Course Title: K – 2 Language Arts/Social Studies: America’s Main Street

Semester: 1st
Day and Block: Wednesday – Blocks 3 and 4
Grade Level Range: Kindergarten - 2nd 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. Students will also learn about heroes of the United States; their achievements and how they played an important part in history. They will also learn about cross-cultural sensitivity and how people from different cultures influenced America.
Class Size limit: 24

Course Title: K – 2 Language Arts/Social Studies: A River in Time

Semester: 2nd
Day and Block: Wednesday – Blocks 3 and 4
Grade Level Range: Kindergarten – 2nd Grade
Course Description: Students will follow the Snoqualmie River through its past, present, and future. We will examine our great river’s use over time and explore the cultures that have relied on its natural resources. The palette for learning will be tales from the Snoqualmie Tribe (the settlers who pioneered this valley) and our current impact on the Snoqualmie today. This class will be a hands-on, collaborative exploration of the people and their interaction with our local river – past through present.

Class Size limit: 24

Course Title: K – 2 Textiles

Semester: 2nd

Day and Block: Wednesday Block 2

Grade Level Range: Kindergarten - 2nd Grade

Course Description: This class explores the composition, use, and construction of clothing and household goods made of fiber. Students will experience weaving and sewing of clothing projects. Students will be asked to purchase and bring some supplies for their projects. Equipment is provided.

At-home activities: Some hand sewing for finishing projects

Textbook/Materials: Some supplies and fabric brought from home for projects

Class Size limit: 24

Course Title: K – 2 Technology & Beyond!

Semester: 1st

Day and Block: Wednesday Block 2
Grade Level Range: Kindergarten - 2nd Grade

Course Description: Students will learn to use a variety of digital tools to research and communicate their findings. These include: digital photography, basic keyboarding, file saving, network navigation, safe internet use and browsing, introductory skills in Word and Publisher, Google Earth, and Sway. A short unit on drag and drop coding is also included.

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.

Class Size limit: 24

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Course Title: 3 – 4 STEM

Semester: Yearlong

Day and Block: Monday Blocks 1 and 2

Grade Level Range: 3rd – 4th Grade

Course Description: Beginning with the fundamentals of electrical circuits, we will embark on a year-long adventure in science and mathematics ending with a closer look at the ecology of our Puget Sound region. Students will collaborate to engineer and build projects and models. We will use math to understand our scientific areas of study and complete performance tasks that are based on Common Core Standards and the New Generation of Science Standards. Expect opportunities to apply the scientific method and essential math skills such as accurate measurement, collection of data, and problem solving.

Course Fee: $10 for Scholastic Science Magazine

Class Size limit: 24

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Course Title: 3 - 4 Textiles

Semester: 2nd
Day and Block: Wednesday Block 1

Grade Level Range: 3rd – 4th Grade

Course Description: This class explores the composition, use, and construction of clothing and household goods made of fiber. Students will experience weaving, knitting, and sewing of clothing projects. Students will be asked to purchase and bring some supplies to class for their projects. Equipment is provided.

At-home activities: Some hand sewing for finishing projects

Textbook/Materials: Some supplies and fabric brought from home for projects

Class Size limit: 24

Course Title: 3 – 4 Language Arts/Social Studies: Democracy in Action

Semester: 1st

Day and Block: Wednesday Blocks 3 and 4

Grade Level Range: 3rd – 4th Grade

Course Description: Share the adventures of reading and writing through the worlds of fiction and non-fiction genres. Students will learn about the structure of fiction and non-fiction text through close-reading strategies to strengthen comprehension and critical thinking. They will also develop their own writing skills while working through the writing process in various ways. Using an integrated approach to language arts and social studies, 3rd and 4th graders will discover community and citizenship during this simulation course. It’s not all about voting – democracy is a way of life. Using hands-on classroom activities, students take on roles in a community to be active citizens. Celebrate your fictional community’s past, promote its present, and make tough decisions about its future. This course will culminate in a City Celebration! We will use geography skills, build models, and design promotional materials using 21st century communication tools. Expect opportunities to role-play, collaborate and debate while developing ELA skills anchored in the Common Core Standards.

Class Size limit: 24
Course Title: 3 - 4 Language Arts/Social Studies: Northwest Coastal Peoples
Semester: 2nd
Day and Block: Wednesday Blocks 3 and 4
Grade Level Range: 3rd – 4th Grade
Course Description: Share the adventures of reading and writing through the worlds of fiction and non-fiction genres. Students will learn about the structure of fiction and non-fiction text through close-reading strategies to strengthen comprehensions and critical thinking. They will also develop their own writing skills while working through the writing process in various ways. Using an integrated approach to language arts and social studies, 3rd and 4th graders will discover the Northwest Coastal People. We will delve into their culture, face their challenges, and celebrate people native to our region. During highly interactive classroom activities, ‘student families’ will design and build villages, face historical changes, and craft treaties during this simulation course. Rediscover and connect with the geography of our region. The course will culminate in a First Salmon ceremony! Expect opportunities to collaborate, role-play, apply geographical skills, and build designs while developing ELA skills anchored in the Common Core Standards.
Class Size limit: 24
Course Title: 3 - 4 Technology & Beyond!
Semester: 1st
Day and Block: Wednesday Block 1
Grade Level Range: 3rd – 4th Grade

Course Description:

Students will learn to use a variety of digital tools to research and communicate their findings. These include: digital photography, basic keyboarding, file saving, network navigation, safe internet use and browsing, introductory skills in Word and Publisher, Google Earth, and Sway. A short unit on drag and drop coding is also included.

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.

Class Size limit: 24

Course Title: 1 – 4 Young Authors
Semester: 1st
Day and Block: Monday Block 3
Grade Level Range: 1st – 4th Grade

Course Description: Students will write stories of their own creation. They will analyze ideas, select topics, add details, and elaborate. We will know and apply spelling, punctuation, capitalization, grammar, and paragraphing appropriate to grade level. Most of the lessons in this course will bring out the individual and “creative author” in your child where they are free to use their imagination and publish wonderful stories.

Class Size limit: 24
Course Title: 1 – 4 Cooking Around the World
Semester: 2nd
Day and Block: Monday Block 3
Grade Level Range: 1st – 4th Grade
Course Description: Students will be able to understand how cultural diversity allows deeper understanding of other people’s traditions. This class will be an introduction to the similarities and differences in world traditions. Through cooking investigations we will focus on cultures and traditions from various countries. Students will be able to understand their diverse environments and explore the wonderful differences around the world.
Class Size limit: 24

Course Title: 1 – 4 Drama
Semester: Yearlong
Day and Block: Monday Block 4
Grade Level Range: 1st – 4th 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: 24

Course Title: 1 – 4: Fit Kids
Semester: Yearlong
Day and Block: Monday Block 4
Grade Level Range: 1st – 4th Grade

Course Description: Students will spend half of the blocking 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: 24

Course Title: 5 - 6 STEM

Length of Class: Yearlong

Day and Block: Tuesday Blocks 1 & 2

Grade Level Range: 5th - 6th Grade

Course Description: This is a course in middle school earth science. Concepts covered include scientific method, geology, astronomy, weather, and environmental science. 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. 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 will be helpful. Textbooks and most materials will be supplied by PARADE.

Course Fee: $10 for Scholastic Science Magazine

Class Size Limit: 24

Course Title: 5 – 6 Art

Semester: 2nd

Day and Block: Thursday Block 3

Grade Level Range: 5th - 6th 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: 24

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Course Title: 5 – 6 Drama
Semester: 1st
Day and Block: Thursday Block 4
Grade Level Range: 5th – 6th 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: 24

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Course Title: 5 – 6 Language Arts
Semester: Yearlong
Day and Block: Thursday Blocks 1 and 2
Course Description: Language Arts class for 5th and 6th 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’s’ 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 given each week. Topics include Principled Dissent (Elections & Democracy), Northern Cultures, Immigration, and Bullying & Friendship.

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

At-home Activities: Homework will include 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: 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. Access to the internet outside of class will be helpful.

Class Size limit: 24

Course Title: 5 – 8 Discover the Renaissance

Semester: 1st

Day and Block: Tuesday Block 4

Grade Level Range: 5th - 8th Grade

Course Description: Students will gain exposure to the Renaissance time period with the purpose of becoming more aware citizens in our culturally diverse world. Learning activities will be hands on, including student in the areas of the arts, innovations of the time, trades, foods, daily life, geography, and governments. Students will be asked to participate actively in the creation of art projects, foods, research of topics, presentations to our class, and dramas.

Activities at home: Students will be given short weekly assignments. Homework will vary but averages about 1 hour per week. Homework will reinforce concepts covered in class.

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

Class Size limit: 24
Course Title: 5 – 8 I.D.E.A. MakerSpace (Invention, Design, Engineering and Art MakerSpace)

Semester: 1st
Day and Block: Tuesday Block 3
Grade Level Range: 5th – 8th Grade

Course Description: This course is an opportunity to experience the do-it-yourself MakerSpace movement first hand! Students will focus on developing creativity, critical thinking skills and team collaboration strategies through tinkering and play. Available resources may include found and recycled objects, Leo Mindstorms robotics parts, electronics, utilitarian objects, Knex, etc. This class will consist of thematic problems that aim to move students from directed projects to more open-ended, self-initiated work. During the first few weeks, students will become familiar with the materials and basic skills required. The majority of the semester will include students doing self-guided projects. Students will document their design, development and construction process via a class blog.

At-home activities: Students may require help in acquiring particular specialized materials needed for their projects.

Testbook/Materials: Provided by instructor.

Costs: Students wishing to use specialized materials may need to provide their own.

Class Size limit: 24
together. By the end of the semester, students will publish their adventure story in digital and/or print format. There’s no right or wrong way to write creatively. The only thing this class requires is your imagination to write what you and no one else in the world can. Students will be asked to spend time each week writing outside of class, so please allow one hour per week for writing time.

Class Size 20

Course Title: 5 – 8 Speak to the World
Semester: 1st
Day and Block: Tuesday Block 4
Grade Level Range: 5th – 8th Grade
Course Description: Students will delve into the growing world of digital communication by creating their own personal blog and collaborating on class podcasts. Each student will have their own blog attached to the PARADE website, which they can work on during class and on their own time. Writing creative text, inserting photos, links, page organization and more will be part of our class. We will explore more than one model of blog design, as well as other forms of cloud communication, such as podcasts. Access to the internet outside of class will be helpful, but is not required.

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

Class Size limit: 24

Course Title: 5 – 8 Outbreak!
Semester: 1st
Day and Block: Tuesday Block 4
Grade Level Range: 5th – 8th Grade
Course Description: When zombies attack in this interactive simulation course, students have one hope: geography skills! How will you fend off the swarm? How will you plan your escapes? What features does your geographic region offer for protection and basic life needs? After you survive, where will you rebuild? Hone your mapping skills, collaborate to make decisions for the best outcomes possible, and rediscover a connection to the physical landscape. Expect opportunities to analyze and create maps, gather and interpret data, and study geographic regions.

Class Size limit: 24

Course Title: 6 - 8 Coding Encounters of the Creative Kind! (5th Grade with instructor permission)

Semester: 2nd

Day and Block: Tuesday Block 3

Grade Level Range: 5th – 8th Grade (5th grade with instructor permission)

Course Description: Students will apply critical thinking skills to solve programming challenges. This course will cover topics such as coding, physical computing, and data processing. Students will create authentic projects and applications and will experience the creativity and problem solving that are an integral part of learning to code. Students will learn from a mix of online self-paced activities and projects, and “unplugged” activities. Coding language will vary but could include Scratch, Javascript, or Python.

At-home activities: An hour of at-home work per week.

Textbook/Materials: Provided by instructor and code.org

Class Size 24

Course Title: 5 - 8 Toy Company

Semester: 2nd
Day and Block: Tuesday Block 3

Grade Level Range: 5th – 8th Grade

Course Description: Plunge into the competitive world of toy marketing! In this hands-on interactive simulation class, students will design and build toy prototypes, conduct market research, and compete with their rivals using 21st century communication skills. Our toy company will launch with a mission statement and culminate with designs chosen for appeal and successful promotion by their student creators. Expect opportunities to use art, technology, writing, and public speaking skills.

Class Size limit: 24

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Course Title: 5 - 8 Journalism

Semester: 2nd

Day and Block: Tuesday Block 4

Grade Level Range: 5th – 8th Grade

Course Description: In this course, students will explore the topic of journalism as it relates to newspaper and the internet, including blogging. The main focus of this class will be the development of written and oral articles that can be published in our own newspaper, The PARADE Times, which is published every four weeks, and in our local community papers. Students will take turns in various newspaper roles throughout the year, and should expect to spend time each week composing and writing. Individual writing coaching and lessons will occur throughout each class, and students will be encouraged to learn how to develop ideas and stories of their own interests. Students will be expected to follow up on writing ideas, research possible topics, and spend time writing at home in supplement to the time spent in class, with an average time at home being thirty minutes a week. Access to a computer and Microsoft Word outside of class will be helpful. Examples of The PARADE Times can be found at http://schuttekids.edublogs.org/

Class Size limit: 24

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Course Title: 5 – 8 Insects Rule the Earth

Semester: 2nd
Day and Block: Tuesday Block 4
Grade Level Range: 5th – 8th Grade
Course Description: In this course students will:

- Learn where insects fit in the animal and plant kingdoms
- Experience the variety of insects and learn to identify and categorize them
- Collect and present a small collection of insects
- Learn how insects fit into and affect the ecology of the world

At-home activities: Insect collection and research for 30 minutes most weeks
Textbook/Materials: Access to the internet outside of class will be helpful

Class Size: 24

Course Title: Presidential Elections using 21st Century Web Tools
Semester: 1st
Day and Block: Thursday Block 3 OR Thursday Block 4
Grade Level Range: 5th – 6th Grade OR 7th – 8th Grade
Course Description: This class will delve into the study of democracy during this election year. Students will get to use the growing world of technology in order to become technically literate and savvy, which learning how to research various topics related to the elections. Other skills will include teaching and learning to use the Office 365 suite of software. This project based class will challenge all students to push themselves in their ability to accurately research a topic, and collaborate with peers as they evaluate their findings.

At-home activities: Students will be expected to complete project research outside of class. Homework will be approximately 1 hour a week.

Textbook/Materials: Internet access at home will be helpful.

Class Size: 24
Course Title: Chemistry in the Kitchen

Semester: 2nd

Day and Block: Thursday Block 3 OR Thursday Block 4

Grade Level Range: 5 – 6 Grade OR 7 – 8 Grade

Course Description: Understand why science and food are intertwined in this hands-on culinary adventure! We will investigate the phases of matter, chemistry, and physical reactions found in every kitchen. Students will collaborate to apply new knowledge to food challenges. Molecular gastronomy is only a boiling point away! Expect opportunities to apply the scientific method, research, analyze, and use the food and tools found in the modern kitchen.

Class Size: 24

Course Title: 7 – 8 Art

Semester: 1st

Day and Block: Thursday Block 3

Grade Level Range: 7th – 8th 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: 24
Course Title: 7 - 8 Drama  
Semester: 2nd  
Day and Block: Thursday Block 4  
Grade Level Range: 7th – 8th 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: 24

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Course Title: 7 – 8 STEM  
Semester: Yearlong  
Day and Block: Tuesday Blocks 1 and 2  
Grade Level Range: 7th – 8th Grade  

Course Description: Chemistry – Semester 1: Students in this lab-based course will develop an awareness of the concepts of inorganic chemistry. The topics covered will include: atomic structure, chemical nomenclature, chemical periodicity, states and behavior of matter, chemical bonding and electron configurations. We will also explore stoichiometry, gas laws, reaction rates, equilibrium, acids, bases, and electrochemistry.  
Geology – Semester 2: Students in this long lab-based exploration will learn about the plate tectonics and process and features that provide evidence of plate tectonics. Students will also learn about minerals, rocks, and Washington State geology.

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

Textbook/Materials: Access to the internet outside of class will be helpful. Textbooks and most materials will be supplied by PARADE.
Course Fee: $10 for Scholastic Science Magazine

Class Size Limit: 24

Course Title: 7 – 8 Language Arts
Semester: Yearlong
Day and Block: Thursday Blocks 1 & 2
Grade Level Range: 7th – 8th Grade

Course Description: Language Arts class for 7th and 8th 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 8th 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.

Class Size limit: 24

Course Title: 8th Grade Washington State History
Semester: 1st
Day and Block: Tuesday Block 3
Grade Level Range: 8th Grade (This course meets a high school graduation requirement)

Course Description: This course guides students through the human activities and relationships which have forged our state’s identity. They analyze the ways that many cultural groups of Washington State have developed a vibrant lifestyle and economy. They explore how ordinary citizens have impacted the rules that we all live by. They use history, economy, geography, government and culture to deepen their understanding of our state.

This course meets a high school graduation requirement.
Class Size limit: 24

Course Title: Yearbook Lab
Semester: 2nd
Credit: .25 (if you are a high school student)
Day and Block: Monday Block 4
Grade Level Range: 7th – 12th Grade

Course Description: This lab course is designed to provide students with time and opportunity to come together to design, assemble and produce a yearbook. This course is student-directed. Students will take the lead in every step of the process to produce a yearbook including photography, page design and layout, obtaining written information about people, events and activities. Teacher and/or parent volunteers will act in an advisory capacity to the Yearbook staff.

Textbook/Materials: Online yearbook software, cameras, computers

Class Size limit: 24

Course Title: Algebra I
Semester: Yearlong
Credit: .5/Semester
Day and Block: Wednesday Block 3
Grade Level Range: 9th – 12th 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

Course Title: Geometry
Semester: Yearlong
Credit: .5/Semester
Day and Block: Wednesday Block 2
Grade Level Range: 9th – 12th 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 Digital Photography
Semester: 1st
Credit: .5
Day and Block: Monday Block 4
Grade Level Range: 9th – 12th 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. Project work will be started in class, and students will be expected 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. Phone cameras can be used for a portion of the class. SD cards are provided.

This open-ended class will encourage students to enter the world of photography at any skill level and challenge themselves to explore their own interests to learn at their individual level.
Course Title: High School Art  
Semester: 1st  
Credit: .5  
Day and Block: Wednesday Block 4  
Grade Level Range: 9th – 12th 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: 16

Course Title: High School Drama  
Semester: 2nd  
Credit: .5  
Day and Block: Wednesday Block 4  
Grade Level Range: 9th – 12th 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: 24
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: 9th – 12th 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: 24

Course Title: High School Chemistry

Semester: Yearlong

Credit: .5/Semester

Day and Block: Thursday Blocks 1 & 2

Grade Level Range: 9th – 12th Grade

Course Description: Students in this lab-based course will develop an awareness of the concepts of inorganic chemistry. Semester 1 topics will include: atomic structure, chemical nomenclature, chemical periodicity, states and behavior of matter, chemical bonding and electron configurations. Semester 2 topics will include stoichiometry, gas laws, reaction rates, equilibrium, acids, bases, and electrochemistry.
At-home Activities: 2 – 2.5 hours of homework each week.

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

Class Size limit: 24

Course Title: High School English

American Literature

Semester: Yearlong

Credit: .5/Semester

Day and Block: Monday Block 1

Grade Level Range: 9th – 12th Grade

Course Description: This course explores the broad diversity of American Literature with a focus of analytical reading and writing. Books are personally selected and read in small groups. Projects focus on a variety of approaches to the features of literature. Assigned work will include poetry, drama, short stories and novels. Students should be strong readers and competent at constructing a multi-paragraph essay.

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

Class Size limit: 24

Course Title: High School /Social Studies

American History
Course Title:  HS Intro to Computer Programming

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:  24
Course Title: HS Advanced Computer Programming

Semester: 1st & 2nd

Credit: .5/Semester

Day and Block: Thursday Block 4

Grade Level Range: 9th – 12th Grade

Course Description: Students will develop the skills and persistence to solve large complex problems by learning to break them down into smaller parts. Using their developing computer programming skills, they will focus on problem solving and turning algorithms into usable code. Students will program in Java or mutually agreed upon language. They will learn how to handle data structures while cementing programming skills using functions, conditionals, classes, local and global variables, input fields, and lists.

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

Textbook/Materials: Provided by instructor

Class Size limit: 24

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