

COURSES

Eagle Rock School ER 38 Class Schedule
Winter/Spring 2006

Specials	1 st Period	2 nd Period	3 rd Period 10 weeks	3 rd Period Block1 (5 weeks)	3 rd Period Block 2 (5 weeks)
So Special Service Special (John, Sarah) <i>Woodshop</i>	The World of Spanish II (Russ, Adriana) <i>Cinquefoil</i>	Close-Up (Donnie, Danny, Sevi) <i>Yarrow</i>	Strength Training YOUR Way (Jen, John Gi, Jon, Asha) <i>HPC</i>	To Devil with Opera (Karolee, Andy) <i>Schoolhouse</i>	Deep Down 'n Dirty: Soil, Seeds and Sustenance (John Gu., Cory) <i>Woodshop</i>
Scratchin' for Life: ERS Writing Center (Eric, Alan, Russ) <i>LRC</i>	Latin II (Robert, Eric, Alan) <i>Yarrow</i>	Making Money Count (Jimmy, Jill) <i>Shooting Star</i>	The Apocryphal Truth? (Donnie, Eric, Alan, Adriana) <i>Yarrow</i>	Slip Slidin' Away (Jeff, Janet, Jenna, Jon) <i>Science Lab</i>	They Came Before Columbus (Danny, Cynthia, HaeJohn) <i>Sage</i>
Choir (Karolee, Andy) <i>Schoolhouse</i>	From Dust 'til Done: A Ceramic Experience (Cynthia, HaeJohn) <i>Art Building</i>	E.R.I. (Eagle Rock Investigators) (Janet, Jenna) <i>Science Lab</i>		Tessellations (Cynthia, Jimmy, Jill) <i>Lower Art Room</i>	Triangles! (Jimmy, Jill) <i>Shooting Star</i>
Math Lab (Jimmy, Jill) <i>Schoolhouse</i>	Survival of the Fittest (Janet, Jenna, Danny) <i>Science Lab</i>	Lifeguarding! (Jen, John Gi) <i>Pool</i>			
	On Eagles Wings (Karolee, Andy) <i>Schoolhouse</i>	Painting Words & Writing Pictures (Alan, Eric, HaeJohn) <i>Sage</i>			

Fall Trimester - ER 38 Class Descriptions

Specials

So Special Service Special (John Gu, Sarah G., Corie)

Why do service? This trimester explore the reasons why each and every one of us has the potential to contribute something great to our community. Serve within the Eagle Rock community and our surrounding community of Estes Park. Meet new people, challenge your own definitions of service, and explore new service opportunities. Be prepared to influence young minds while tutoring in our local schools, develop your own project, and flex your muscles on occasion. No experience necessary – just an open mind and heart.

Graduation Requirements Possible(from the ILP):

Service Learning - Written Reflection

Service Learning - Philosophy of Service Paper

Service Learning - Start Legacy Project

Choir (Karolee, Andy)

Empowerment through Music! Let your spirits soar? Did you know that it has been said that people who sing score up to 51 points higher on the SATs than the national average? Did you know that by starting your day singing, by using both sides of the brain, prepares you for the rest of the day? Ever hear of that Rocky Mountain high? Why is that? Come and find out!

GRADUATION REQUIREMENTS POSSIBLE:

Choir Music Theory

Math Lab (Jimmy, Jill)

This Specials is designed **only** for students enrolled in a math class this trimester who needs additional assistance beyond the general support given in math club and class. If you are serious about working on your struggles with math and are in an ER38 math class, you are eligible to sign up for this. You will be expected to work only on math. This is not a general study hall.

Scratchin' for Life: ERS Writing Center (Eric, Alan)

If you are open to receiving writing support for your assignments from other classes, then Writing Center might be for you! If you would like to expand your knowledge base on general writing skills, strategies, and issues, then Writing Center might be for you! Writing support will be offered in the following areas.

- Paragraphs
- Organization
- Sentence Variety
- Sentence Clarity
- Supporting Statements/Evidence
- Transitions
- Drafts
- Punctuation
- Grammar
- Researching
- Research questions
- Notecards
- Style (MLA and others)
- Voice
- Purpose
- Passion
- Word Choice
- Outlining
- Works Cited pages/Bibliographies
- Hypotheses
- Spelling
- Citations/Documentation
- Thesis statements
- Others? Just ask.

Graduation Requirements Possible(from the ILP)

Writing Center can support you in getting any ILP writing credit you choose to work toward.

First Period

The World of Spanish II (Russ, Adriana)

Come and learn the Spanish language while getting insights into the people, land and cultures that surround it. In this class you'll continue to expand on the base of Spanish vocabulary and grammar that you've already built in the first trimester through fun activities, games, songs, cooking and more. You'll also learn more about the world in which Spanish is spoken through interesting videos, reading intriguing Latin American literature, dancing, restaurant excursion and guest speakers, to name a few. So prepare to open up your mind, not only to a new language, but also to a new way of seeing the world.

Graduation Requirements Possible(from the ILP):

World Language	Spanish-Portfolio Level II
Geography	Cultural Geography
Writing	Essay of Explanation or Persuasive Essay
Writing	Review (book/movie/cd/show/restaurant)

Latin II (Robert, Eric, Alan)

The purposes of this two-trimester class are to study and learn the Latin language (reading, writing, speaking, grammar) and to gain understanding of Roman culture and history.

Graduation Requirements Possible(from the ILP):

World Language: Portfolio Level II
English: Creative Writing, Essay of Explanation, Essay of Opposing Ideas, Book Review
American Government: Project—Historical Foundations
Geography: Project—Physical Geography, Project—Comparing Cultures
World History: Project—Historical Event, Project—Hypothesis
Other as arranged with instructor approval

From Dust 'til Done: A Ceramic Experience (Cynthia, HaeJohn)

This Class will guide you through the development of ceramic artwork, both functional and non-functional. We will learn about ceramics through clay hand building techniques, throwing on the wheel, and by exploring various glazing techniques. There will be critiques of professional work and our own work to further understand and develop the artist within. This class will be involved in the Peace Jam tile mural project. Gallery and museum trips will educate us in the evolution of ceramics from traditional and historical pottery to current ceramic fine art. Get ready to get dirty, get ready to work.

Graduation Requirements Possible(from the ILP):

Art	Fine Arts/Portfolio
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Survival of the Fittest (Janet, Danny)

How has the Theory of Evolution shaped our society and our understanding of the world? Why is it that fruit flies and humans share the same enzymes? How has American political thought been

changed since the arrival of Darwin? You will have a chance to explore these, and other topics as we dissect the meaning of "Survival of the Fittest." Be prepared to experiment with where you think we come from, and what you believe about the world we live in.

Graduation Requirements Possible(from the ILP):

Societies and Cultures	American Government – <i>Domestic Issues</i>
Societies and Cultures	American/World History – <i>Political Theory, Power Relations, Growth and Transition, Technological Advancements</i>
Science	2 portfolios

Course Name: On Eagle's Wings (Karolee McLaughlin, Andy Artz)

Let your spirits soar! Learn a musical instrument or continue an existing one! You will learn to read and write musical notation through the MUSIC THEORY PROJECT using workbooks, flashcards, ear training, basic rhythm instruments, basic keyboard, basic recorders and computer technology; learn about composers through PRESENTATIONS, listen to student's personal collections of music, analyze music both current and days of old and learn why music is applicable now and then through the MUSIC HISTORY PROJECT. You will learn to improvise, become proficient on an instrument and participate in the end of the trimester Variety Show PRESENTATION.

THIS CLASS IS NOT FOR THE FAINT AT HEART BUT MOST DEFINITELY FOR THE SELF-DIRECTED LEARNER!

Graduation Requirements Possible(from the ILP):

MUSIC	Music History Project
MUSIC	Music History Project
MUSIC	Presentations (2)

Second Period

Close Up (Donnie, Danny, Sevi [student teacher])

This course will delve into the realities and illusions of government in the United States. Students will have an opportunity to challenge and expand everything they know about government, address Washington politicians directly, and learn about their responsibility as global citizens.

Graduation Requirements Possible(from the ILP):

U.S. Government	Domestic and International Issues Project Democracy Project
U.S. History	Political Theory Power Relations Project Growth and Transition Project Technological Advancements Project
Civics	Community Action and Education Project

Making Money Count (Jimmy, Jill)

In this class you will start and run a business that caters to the Eagle Rock community. The class will take over the school store, introduce new products to sell, and open the store on a regular basis. We

will study all aspects of the business and find mathematical ways to answer questions such as “how can we maximize our profit?” and “how can we invest our money to make even more money?” We will learn how algebra can be used to model the patterns of growth, production, and consumption surrounding all businesses. Come prepared to work hard and to run a successful business.

Graduation Requirements Possible(from the ILP):

Math Two Portfolios

E.R.I. (Eagle Rock Investigators) (Janet, Jenna)

There has been a series of unfortunate events at Eagle Rock that has resulted in the urgent necessity to train a forensic crime team. This will be an intense (intensely fun, that is) class that will include collecting evidence, analyzing it and solving mysteries. Topics of study will include, but are not limited to: blood, fibers, mystery substances, and fingerprints. Through our crime scene investigations we will explore the concept of proof. This is not a class for those with weak stomachs. Forensics can be tedious/time consuming, so patience will be key.

Graduation Requirements Possible(from the ILP):

Science 2 portfolios

LIFEGUARDING! (Jen, John Gi)

Lifeguarding is one of the most popular part-time jobs for high school students, and a well-paying job that is transferable to any area you live in. If you're ready to take your aquatics skills to a whole new level this is the challenge for you! Regardless of your previous experience in the water, this class will give you the opportunity to set new goals and work on improving your comfort and skills in the pool. In this class we'll take a look at the role of a lifeguard, the components of a rescue, pool safety, risk management, and rescue skills. We'll also work on our First Aid & CPR skills, looking at different first aid scenarios and situations. Successful completion of the course may lead to certification in First Aid & CPR with the Red Cross, as well as possible Lifeguard certification. This will be a challenging and very fun course, so be ready to be in the pool 2-3 times a week!

Graduation Requirements Possible(from the ILP):

Human Performance	First Aid & CPR Certification
Human Performance	Aquatics Skills
Human Performance	Activities Presentation

Painting Words and Writing Pictures (Eric, HaeJohn, Alan)

Come explore writing, art, and their meeting points!

- Study, discuss, and write about well-known pieces of visual art.
- Examine poems and stories and express them as paintings/drawings.
- Discuss what art means to US culture and how public funding affects the Arts.
- Explore the importance of the Arts.
- Interpret artists and authors' intentions when they create art.

Course projects

- Original paintings and drawings
- Poems and stories
- Essays
- A final project that combines visual art and writing

Graduation Requirements Possible(from the ILP):

Art	Fine art/art history portfolio
Language Art	Creative writing
	Review
	Persuasive Essay
	Essay of explanation
	Literary Discussion

Third Period – 10 Weeks

Strength Training YOUR Way (Jon ,Jen, John Gi, Asha)

In this class you will have the opportunity to explore what type of weight training and cardiovascular exercise works for you. We will explore muscle anatomy, exercise physiology, strength training program design, supplements, nutrition, and more. At the end of the trimester you will leave with a greater understanding of your body and how it adapts to food and exercise from the inside out. You will have the experience to design cardio and strength training programs for yourself or others and even have the opportunity to share your newfound knowledge in a health fair outside Eagle Rock School. Academic instruction and workout time will be seamlessly integrated throughout the trimester to achieve a healthy balance between mind and body. Come to class ready to learn *how* to achieve your goals, and WORK HARD to reach them!

Graduation Requirements Possible(from the ILP):

Science	One Portfolio
Human Performance	Personal Health/Fitness Portfolio
Human Performance	Activities Presentation
Service Learning	Public Service Presentation

The Apocryphal Truth? (Eric, Donnie, Alan)

This course will examine the source of our ignorance that leads to oppressive behavior throughout the world. We will study many different people, especially ourselves, in route to gaining the understanding to create change. The concept of race will be instrumental in our examination, but the truth we seek will demand the study of many different systems, concepts, and histories. Complimenting the diverse field of study will be the opportunity to get almost any type of credit you need. We want to honor the universality of the content of this course with an equally universal credit offering. Come with us on a journey to break down our ignorance about who we are and what we think others are.

Graduation Requirements Possible(from the ILP):

The credit available in this course will be based on that which is wanted by each individual student. Obviously there will be limits to how much is attainable, the biggest of which will be the amount of work any one student is capable of.

Credit not available through this course:

- Aids Awareness
- Kitchen
- World Language
- Wilderness

Third Period – First 5 Weeks

To the Devil with Opera (Karolee, Andy)

This is a requested course that will rock you to your soul. *Dialogues with the Devil* by Terry Caldwell will be discussed as well as the age-old question: “Would you sell your soul to the devil?” We will examine this question through, film, literature, music of the western culture while developing a sense of spirituality (an 8+5=10 theme) and delve into understanding of who we are. Opera will be looked at through the lenses of a man who did sell his soul: FAUST. How did Opera originate? What connections can we find in this genre of music and our own? What fun this explorations is **and** we will be going to see an opera in all its glory! Come and enjoy!

NOTE: THIS IS NOT DOCTRINE!

Graduation Requirements Possible(from the ILP):

MUSIC Music History Project
MUSIC Presentations (2)
LITERATURE

Slip Slidin’ Away (Jenna, Janet, Jeff, Jon)

This course will explore issues related to water and the balance of individual’s water needs with the water needs of the global community. Topics may include natural and man made storage of water, agricultural uses, human uses, recreational water issues, and impact of human water usage on communities and the natural environment. WE WILL TELEMAR SKI 2 TIMES PER WEEK. SKI DAYS MAY BE COLD, FRUSTRATING, AND PHYSICALLY DEMANDING AND A LOT OF FUN! We plan to ski on Tuesday and Friday, leaving after 2nd period and returning between 4 and 6 pm on those days. You will need lunch and dinner KP covers for our ski days.

Graduation Requirements Possible(from the ILP):

Environmental Studies 1 Issue
Human Performance 1 Activity Presentation

Tessellations (Cynthia, Jimmy, Jill)

The study of art and math merge in aesthetic ways when exploring the art of covering a flat service with shapes, otherwise known as tessellations. Explore various artistic mediums and the fascinating geometric topic of tessellations. Students will create numerous tessellation projects while learning the mathematics of symmetry and pattern formation. Final projects will be used to permanently decorate Shooting Star, the usual math classroom.

Graduation Requirements Possible(from the ILP):

Math One math portfolio
Art One art portfolio
Service Legacy Project

Third Period – Second 5 Weeks

Deep Down 'n Dirty: Soil, Seeds and Sustenance (John Gu., Corie Washow)

Food – you eat it every day. Your food choices can make you healthy and strong or weak and ill. The way we grow and distribute our food has the potential to destroy our environment or save it for future generations. In this class we will engage in the magical process of growing healthy plants and vegetables. We will spend lots of time playing in the greenhouse dirt, exploring local farms, and developing a service project within the community to increase availability of healthy foods and ecosystems. Join this class to expand your knowledge of biodiversity, agriculture, soils and ecology as well as to make the greenhouse and garden at ERS into a center of food and plant production.

Graduation Requirements Possible(from the ILP):

Environmental Issue	Composition or Presentation
Environmental Science	Environmental Action Project
Service-learning	Reflection Paper
Service-learning	Philosophy of Service Paper
Service-learning	Public Service Presentation

They Came Before Columbus (Cynthia, Danny, HaeJohn)

The Mayan people lead a rich cultural life prior to being disrupted by European influences beginning with the invasion of Columbus in 1492. This course will give students a chance to explore the art, culture and history of the amazing Mayan civilizations as they were. You will have a chance to learn about how the art and culture of these diverse peoples were shaped by their politics, religion, and the extremely diverse geography of southern Mexico and Central America. Using traditional Mayan art forms like stone carving and codices (books) we will explore complex imagery and symbolism. Mayan architecture and temple replicas will also be made as learning tools to share with local school children. Prepare to travel from the depths of the Chiapas jungle to the heights of the Sierra Madre through folklore and fact.

Graduation Requirements Possible(from the ILP):

Societies and Cultures	Physical Geography Project
Societies and Cultures	Cultural Geography Project
Art	Arts and Crafts/Art History Portfolio
Service Learning	Public Service Presentation

Triangles! (Jimmy and Jill)

All you ever wanted to know about triangles, plus a little more!!

Enjoy a survey of mathematical thought and application by becoming intimately familiar with the triangle. Students will deepen their appreciation for the power of mathematics by studying a myriad of properties of triangles. With an understanding of triangles and their unique properties peoples throughout history have been able to estimate the height of extremely tall objects, triangulate the coordinates of a spy, compute the size of objects in photographs, prove properties of other geometric figures, and much more.

Students satisfactorily completing all assignments for this course will earn 1 math portfolio.

Graduation Requirements Possible(from the ILP):

Geometry (triangle similarity)	One math portfolio
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