



COURSES

Eagle Rock School

ER 51 Summer 2010

Block Class Schedule

BLOCK 1 – 1 st 5 weeks		All Day
<p>Morning</p> <p>Fighting for Fair Food!! (Tim, Berna) Engaged Global Citizen</p> <p>For the Birds (Janet) Expanding Knowledge Base</p> <p>Sonneteers, O Sonneteers! (Robert, Daphne) Effective Communication & Power Standard</p> <p>Wilderness Survival (Peter, Kirstin) Healthy Life Choices</p> <p>Leadership in Financial Literacy (John, Karen) Leadership for Justice</p> <p>Afternoon</p> <p>Summer Production (Jon B., Peter) Effective Communication & Power Standard</p> <p>American Beauty (Daphne, Chady) Leadership for Justice & Power Standard</p> <p>Pinhole Photography (Karen, Dan H.) Expanding Knowledge Base</p> <p>Sociology of Violence (Bernie) Leadership for Justice</p>	<p>Zen and the Art of Mountain Biking (Reggie, Dave, Beth) Healthy Life Choices</p> <p>Triathlon (Joel, Ryan, Dan (ain only)) Healthy Life Choices</p> <p>Connections in Nature (Annie, Amir, Jon A.) Expanding Knowledge Base</p>	<p>All Day</p> <p>Zen and the Art of Mountain Biking (Reggie, Dave, Beth) Healthy Life Choices</p> <p>Triathlon (Joel, Ryan, Dan (ain only)) Healthy Life Choices</p> <p>Connections in Nature (Annie, Amir, Jon A.) Expanding Knowledge Base</p>

EXPLORE Week

BLOCK 2 – 2 nd 5 weeks		All Day
<p>Morning</p> <p>Runners Edge (Joel, Reggie) Healthy Life Choices</p> <p>Boy Do We Have Issues (Daphne, Dave) Effective Communication</p> <p>Leaders for Justice (Dan H., Ryan) Leadership for Justice & Power Standard</p> <p>Earth & Fire (Chady, Annie, Brandy) Effective Communication</p> <p>Afternoon</p> <p>A Sustaining Spirit (John, Annie) Healthy Life Choices</p> <p>K-ERS (Mark P., Dan M.) Effective Communication</p> <p>Knitting, Crocheting, & Math (Daphne, Karen) Expanding Knowledge Base</p> <p>Life After Death (Reggie, Chady) Healthy Life Choices</p> <p>Fantasy Baseball (Dan H., Joel) Expanding Knowledge Base</p> <p>Diversity in the Outdoors (Jesse B., Kirstin) Engaged Global Citizen & Power Standard</p> <p>Gardening with Ryan (Ryan) Engaged Global Citizen</p>	<p>Runners Edge (Joel, Reggie) Healthy Life Choices</p> <p>Boy Do We Have Issues (Daphne, Dave) Effective Communication</p> <p>Leaders for Justice (Dan H., Ryan) Leadership for Justice & Power Standard</p> <p>Earth & Fire (Chady, Annie, Brandy) Effective Communication</p>	<p>All Day</p> <p>Physics of Climbing (Amir, Matt, Jesse B.) Expanding Knowledge Base</p> <p>RMNP Internship (students already chosen) (Jon A.) Distribution Customized to Individual Students</p> <p>Summer Production (Jon B., Peter) Effective Communication & Power Standard</p>

Note: The summer production is the only 10 week course. If you choose it, you are committed to all 10 weeks.



Eagle Rock School ER 51 Class Descriptions

Summer 2010 Trimester



Fighting for Fair Food

ER - 51

Morning 1st 5

Classroom: Yarrow **Period:**
Instructor(s): Tim Phelps Berta Guillen
Fellow(s): Alyssa McConkey

Course Description

This course will look at the treatment of migrant workers starting with the Bracero Program of 1942 up to and including the present struggles of the Coalition of Imokalee Workers. We will study the intersection between NAFTA, the fast food industry and the treatment of agricultural workers. To get a glimpse of life on a farm, students will work at a local farm once a week.

ILP Graduation Requirements Possible

Power Standard Course: No
Distribution Requirement: Engaged Global Citizen **Credit(s):** 1
Required Experience(s):
Course Notes:
Traditional Disciplines: History: US Government/Civics

For the Birds

ER - 51

Morning 1st 5

Classroom: Anemone **Period:**
Instructor(s): Janet Johnson
Fellow(s):

Course Description

Throughout this course we will be researching bird breeding behavior in Rocky Mountain National Park as part of an ongoing, nation-wide study through Cornell University Lab of Ornithology. The research we conduct, along with the study of bird biology and behavior, and how humans impact birds and their habitats, will make up the science portion of this course. Most of this class will be spent outside watching and learning about birds.

ILP Graduation Requirements Possible

Power Standard Course: No
Distribution Requirement: Expanding Knowledge Base **Credit(s):** 1
Required Experience(s):
Course Notes:
Traditional Disciplines: Science: Biology

Sonneteers, O Sonneteers!

ER - 51

Morning 1st 5

Classroom: Sage **Period:**
Instructor(s): Robert Burkhardt
Fellow(s): Dapbne Clyburn

Course Description

In this class we will learn poetic forms and terminology as we read and write poetry (primarily sonnets) in outdoor settings. Students will read, analyze, discuss, understand, collect and write poetry. Each student will become the resident "expert" on a specific poet. We will read our own poems to the Eagle Rock community on June 18.

ILP Graduation Requirements Possible

Power Standard Course: Yes Effective Communication
Distribution Requirement: Effective Communication **Credit(s):** 1
Required Experience(s):
Course Notes:
Traditional Disciplines: English

Wilderness Survival

ER - 51

Morning 1st 5

Classroom: Lichen **Period:**
Instructor(s): Kirstin Sizemore
Fellow(s): Peter Finn

Course Description

What would you do if you were lost in the woods without food, matches, or shelter? Panic? Don't!!! If you take this class you will have the opportunity to learn the skills necessary to survive and thrive on your own in the outdoors. Learn to build fires with sticks, identify plants and their uses, build shelters and have fun along the way!! Don't be afraid to get muddy!!

ILP Graduation Requirements Possible

Power Standard Course: No
Distribution Requirement: Creating Healthy Life Choices **Credit(s):** 1
Required Experience(s):
Course Notes:
Traditional Disciplines: Science: Earth Physical Education

Leadership in Financial Literacy

ER - 51

Morning 1st 5

Classroom: Shooting Star **Period:**
Instructor(s): John Guffey Karen Ikegami
Fellow(s):

Course Description

In this class students will learn how to manage their own money and will receive leadership training to work with elementary aged children, teaching them monetary concepts and skills in money management. Students taking this course will attend an all-day leadership workshop on May 13, 2010 as part of EagleServe. During the first 2 weeks of the class students will learn the principles and practices of financial literacy. In the final 3 weeks of the class, students will work with children in the community, sharing their new financial knowledge one-on-one through books and activities from the Reading Makes Cents curriculum. There will be a field trip to the Denver Mint to underscore these activities. This class is a partnership with the Estes Valley Public Library.

ILP Graduation Requirements Possible

Power Standard Course: No
Distribution Requirement: Leadership For Justice **Credit(s):** 1
Required Experience(s): Service Project and Reflection
Public Service Presentation
Course Notes:
Traditional Disciplines: Math: Algebra History: US History: World

Summer Production

ER - 51

Afternoon 1st 5

Classroom: School House **Period:**
Instructor(s): Jon Borodach
Fellow(s): Peter Finn

Course Description

Whodunnit? This summer, students will learn many aspects of theater production while rehearsing and performing the classic murder mystery THE MOUSETRAP by Agatha Christie. The cast requires 5 men and 3 women. 8 students in this class are expected to participate on stage. There is room for a maximum of 3 non-performing students to assist with the technical aspects of the production. Non-performing students will not be eligible for the Effective Communication power standard. Students will have the chance to gain experience with costumes, scenery design, prop management and make-up. Students are expected to have a high level of commitment and enthusiasm to produce a successful performance.

ILP Graduation Requirements Possible

Power Standard Course: Yes Effective Communication
Distribution Requirement: Effective Communication **Credit(s):** 1
Required Experience(s):
Course Notes: Non-performing students will not eligible for the Effective Communication power standard.
Traditional Disciplines: Performance English History: World

American Beauty

ER - 51 Afternoon 1st 5

Classroom: Chroma & Kinnikinnik **Period:**
Instructor(s): Cindy Elkins
Fellow(s): Daphne Clyburn

Course Description

What does it mean to be beautiful in today's society? In this course, we will explore both the beauty of writing and the beauty within ourselves through reading, writing, and analyzing the world around us. We will spend time dissecting the communities we are a part of through observation. You will have the opportunity to earn a power standard so be prepared to work hard and improve your writing skills. Stay beautiful.

ILP Graduation Requirements Possible

Power Standard Course: Yes Leadership For Justice
Distribution Requirement: Leadership For Justice **Credit(s):** 1
Required Experience(s):
Course Notes:
Traditional Disciplines: English History: US

Pinhole Photography

ER - 51 Afternoon 1st 5

Classroom: Shooting Star **Period:**
Instructor(s): Karen Ikegami
Fellow(s): Dan Hoffman

Course Description

Students will learn how to make pinhole cameras and take black and white photos with pinhole cameras. They will learn the physical properties of light that create clear pictures and will compare how the camera works to their own bodies. Students will gain skills in group work, journal reflections, darkroom techniques, and time management.

ILP Graduation Requirements Possible

Power Standard Course: No
Distribution Requirement: Expanding Knowledge Base **Credit(s):** 1
Required Experience(s):
Course Notes:
Traditional Disciplines: Science: Physics English

Sociology of Violence

ER - 51 Afternoon 1st 5

Classroom: Yarrow **Period:**
Instructor(s): Berta Guillen
Fellow(s):

Course Description

Violence occurs on a daily basis in the public eye and behind closed doors. Our primary focus in this class will be youth violence and gang culture. Through a sociological lens, we will ask ourselves these essential question: Is our society to blame for violence? How do we contribute to it? Can we do anything about it? We will read the memoirs of the co-founder of the Los Angeles Crips, Stanley Tookie Williams. Lastly, we will attempt to empower ourselves to change the course of violence in our world.

ILP Graduation Requirements Possible

Power Standard Course: No
Distribution Requirement: Leadership For Justice **Credit(s):** 1
Required Experience(s):
Course Notes:
Traditional Disciplines: History: US Government/Civics

Zen and the Art of Mountain Biking

ER - 51

All Day 1st 5

Classroom: Kinnikinnik **Period:**

Instructor(s): Dave Manzella Beth Ellis

Fellow(s): Reggie Scruggs

Course Description

Are you ready to ride? Tour the mountain bike trails of Estes Park and the Front Range with Downhill Dave, Back Country Beth, and Rippin' Reggie. We will learn basic bike maintenance, work on our riding skills, and create a guidebook for area trails. We will spend two days a week sitting idle in a classroom and the other two days tearing down some sick single-track. Prepare yourself for GoogleEarth, Photoshop, GPS data, and regular writing mayhem.

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: Creating Healthy Life Choices **Credit(s):** 2

Required Experience(s):

Course Notes:

Traditional Disciplines: Physical Education English Visual Art

Triathlon Training

ER - 51

All Day 1st 5

Classroom: Cinquefoil **Period:**

Instructor(s):

Fellow(s): Ryan Plantz Joel Oubre Dan Hoffman

Course Description

In Triathlon Training, students will exercise body and mind. We will train as a team, completing a diverse array of workouts including swimming, cycling, running, and weight training, which will prepare students to complete a triathlon this summer. We will also focus on performance focused nutrition, the physiology and proper technique for each sport, and effective training strategies. As a sport that is quickly emerging, we will also explore current research on training methods, technology, and the future of the sport.

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: Creating Healthy Life Choices **Credit(s):** 2

Required Experience(s):

Course Notes:

Traditional Disciplines: Physical Education English Science: Physics

Connections in Nature

ER - 51

All Day 1st 5

Classroom: Science Lab **Period:**

Instructor(s): Jon Anderson

Fellow(s): Annie Lindberg Amir Erez

Course Description

Do you love exploring and hiking in the great outdoors? Do you love reading and writing about nature? Then this is the class for you! In Nature's Connections we will learn about the intricate interconnections between animals, plants, and humans. We will learn experientially on hikes through montane, subalpine, and alpine ecosystems in Rocky Mountain National Park; by observing and researching the critters that live there; by reading the works of great American nature writers; and by composing our own nature writings based on our observations.

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base **Credit(s):** 2

Required Experience(s):

Course Notes:

Traditional Disciplines: Science: Biology English

Runners Edge

ER - 51 Morning 2nd 5

Classroom: Sage **Period:**

Instructor(s):

Fellow(s): Reggie Scruggs Joel Oubre

Course Description

In Runners Edge, students will exercise body and mind. We will focus on individual and team training, while studying/completing an array of specified workouts; from circuit training, to fartleks, intervals, and weight training among others, which will prepare students to compete in and complete the Running of the Bulls race this summer. We will also focus on the physics of running, performance focused nutrition, physiology, proper running techniques, and effective training strategies. This will be a very active class, both through travel and physical activity, and we look forward to your full participation!

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: Creating Healthy Life Choices **Credit(s):** 1

Required Experience(s):

Course Notes:

Traditional Disciplines: Physical Education

Boy Do We Have Issues

ER - 51 Morning 2nd 5

Classroom: Cinquefoil/Kinnikinnik **Period:**

Instructor(s): Dave Manzella

Fellow(s): Daphne Clyburn

Course Description

What are the main issues that teenagers deal with today? Build your writing skills and prepare to start your major research project in this challenging research class. Choose a issue that many teenagers deal with today such as drug use, sexuality, or even boredom, and learn the skills needed to complete a research paper on your topic. This may even turn into your major research paper! Be prepared to work hard, write A LOT, and learn about yourself as a writer.

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: Effective Communication **Credit(s):** 1

Required Experience(s):

Course Notes:

Traditional Disciplines: English

Leaders for Justice

ER - 51 Morning 2nd 5

Classroom: Yarrow **Period:**

Instructor(s): Dan Hoffman

Fellow(s): Ryan Plantz

Course Description

What does it take to be a leader for justice? This course will explore the depth of direct action, community, and raising awareness for tactics to create positive change in the world. What strategies did leaders like Ghandi, MLK, and Che Guevara implement and how successful were these efforts? How can we, as engaged citizens, work to create a more just and equitable world for ourselves and future generations?

ILP Graduation Requirements Possible

Power Standard Course: Yes Leadership For Justice

Distribution Requirement: Leadership For Justice **Credit(s):** 1

Required Experience(s): Service Project and Reflection

Course Notes: The Power Standard is offered through 'Leaders for Justice,' but this is not a requirement. To receive the Power Standard, students will have to execute a project on campus using the skills learned in class and write a quality reflection piece on this experience.

Traditional Disciplines: History: World Government/Civics

Earth & Fire

ER - 51 Morning 2nd 5

Classroom: Pottery Studio **Period:**

Instructor(s): Cindy Elkins

Fellow(s): Annie Lindberg

Course Description

Clay and glass come from the earth and are made of mixtures of natural elements. We will use fire as a tool to work with clay and glass. Most wet clays are called "plastic" meaning they can be formed and molded. Heating or "firing" the clay to high temperatures makes the water evaporate and it becomes hard. Work with your hands and on the potter's wheel to form the plastic clay into sculpture and functional pottery. Experiment with modern and ancient firing techniques. Learn torch "lamp work" to make glass beads, melt glass in the kiln to create fused glass art, and combine clay with glass to effectively communicate in 3-D. Stained glass work can also be incorporated to complete your unique perspective. Read about and use technical skills to improve your art.

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: Effective Communication **Credit(s):** 1

Required Experience(s):

Course Notes:

Traditional Disciplines: Visual Art

A Sustaining Spirit

ER - 51 Afternoon 2nd 5

Classroom: Science Lab **Period:**

Instructor(s): John Guffey

Fellow(s): Annie Lindberg

Course Description

How do your beliefs about yourself and your place in the world affect the way you live, and impact the degree to which you live sustainably? How do your beliefs change your biology (who you are at a cellular level)? What is sustainability and how can you live more sustainably? Join "A Sustaining Spirit" and learn how these questions are intricately linked; how your beliefs about yourself and your place in the world affect the way you live. Together we will explore different cultures and spiritualities that provide us with examples of connections between beliefs and lifestyle, worldview and sustainable living. Further, we will look at the ways our own personal choices and beliefs can contribute to a sustainable world. We will begin the class with a one week camping excursion (over explore week) to Tlaltepēc, a traditional spiritual retreat in Northern New Mexico, where you will learn and participate in the the Mexica Native American tradition, and begin to make connections between belief systems and sustainability.

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: Creating Healthy Life Choices **Credit(s):** 1

Required Experience(s): Public Service Presentation

Course Notes:

Traditional Disciplines: History: World Science: Biology Science: Earth

K-ERS**ER - 51 Afternoon 2nd 5****Classroom:** Kinnikinnick **Period:****Instructor(s):** Mark Palmer Dan Madson**Fellow(s):****Course Description**

This course will involve producing and creating our own radio station for Eagle Rock School. Students will have the opportunity to produce and broadcast their own radio shows with formats that include music, public affairs, sports talk, help line and more. Students will be responsible for show productions as well as on air talent. Traditional subject areas involved in this course will be writing and performance. Our focus will be using effective communication to communicate to the masses (shows will be played throughout the evening hours with a possible live call in show once a week)

ILP Graduation Requirements Possible**Power Standard Course:** No**Distribution Requirement:** Effective Communication **Credit(s):** 1**Required Experience(s):****Course Notes:****Traditional Disciplines:** English Performance**Knitting, Crocheting, & Math****ER - 51 Afternoon 2nd 5****Classroom:** Lower Art Room **Period:****Instructor(s):** Karen Ikegami**Fellow(s):** Daphne Clyburn**Course Description**

Students will learn the basics of knitting and crocheting by creating small projects such as scarves, hats, and mittens. They will then transfer these skills and design a group piece of fiber arts to be displayed on campus. Students will learn the math associated with how to read and create patterns and scale up or down their work.

ILP Graduation Requirements Possible**Power Standard Course:** No**Distribution Requirement:** Expanding Knowledge Base **Credit(s):** 1**Required Experience(s):****Course Notes:****Traditional Disciplines:** Math: Algebra Visual Art**Life After Death****ER - 51 Afternoon 2nd 5****Classroom:** Sage **Period:****Instructor(s):** Cindy Elkins**Fellow(s):** Reggie Scruggs**Course Description**

If you wish to live well, practice dying – words of the great philosopher Plato, that will be the basis for this course. Rather than view death as crisis, it can be viewed as a time to build. Use writing, visual arts, movement arts, and meditation to explore ways to live a more fulfilling life. This class will focus on individual needs while creating a safe environment to discuss and explore loss as an opportunity of learning how to live.

ILP Graduation Requirements Possible**Power Standard Course:** No**Distribution Requirement:** Creating Healthy Life Choices **Credit(s):** 1**Required Experience(s):****Course Notes:****Traditional Disciplines:** English Visual Art

Fantasy Baseball

ER - 51 Afternoon 2nd 5

Classroom: Yarrow **Period:**

Instructor(s):

Fellow(s): Dan Hoffman Joel Oubre

Course Description

In this course we will play Fantasy Baseball and learn descriptive statistics, then apply those concepts to real world situations. We will also play real variations of baseball while learning about Americas pass time and our own athletic skills.

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base **Credit(s):** 1

Required Experience(s):

Course Notes:

Traditional Disciplines: Math: Statistics Physical Education

Diversity in the Outdoors

ER - 51 Afternoon 2nd 5

Classroom: Science Lab **Period:**

Instructor(s): Jesse Beightol Kirstin Sizemore

Fellow(s):

Course Description

This class will tackle the topics of diversity, inclusion, and multiculturalism as they are related to the field of Outdoor Education. We will work on understanding these topics and develop strategies and recommendations to help make outdoor education experiences more relevant and meaningful for a more diverse audience. We will participate in outdoor activities, meet with professional outdoor educators, and write a chapter for the ERS Wilderness Instructor Curriculum Manual. We will also develop a lecture that will be presented at the International Conference of the Association for Experiential Education this fall in Las Vegas, NV!

ILP Graduation Requirements Possible

Power Standard Course: Yes Engaged Global Citizen

Distribution Requirement: Engaged Global Citizen **Credit(s):** 1

Required Experience(s):

Course Notes:

Traditional Disciplines: English Government/Civics

Gardening with Ryan

ER - 51 Afternoon 2nd 5

Classroom: **Period:**

Instructor(s):

Fellow(s): Ryan Plantz

Course Description

Want to be a part of a project that will benefit Eagle Rock for decades? Want to develop your mind and exercise creative design, all while working on your tan? We will explore gardening techniques from all over the world and develop skills that will allow you to bring gardening into your neighborhood and community. If you're ready to get your hands dirty and work hard, we will be spending the majority of our time expanding the Eagle Rock garden and adding an orchard.

ILP Graduation Requirements Possible

Power Standard Course: Yes Engaged Global Citizen

Distribution Requirement: Engaged Global Citizen **Credit(s):** 1

Required Experience(s): Service Project and Reflection

Course Notes:

Traditional Disciplines: Science: Biology English

Physics of Climbing

ER - 51

All Day 2nd 5

Classroom: Shooting Star **Period:**

Instructor(s): Jesse Beightol

Fellow(s): Matt Bynum Amir Erez

Course Description

What allows a climber to scale seamlessly impossible cliffs? What forces of nature are we constantly battling against when we rock climb? In this course we will explore the physics of rock climbing that will allow us to answer these questions. In the same vein, we also look at how our mind, our attitude and are awareness of of the world hinder or help us as climbers and humans. Be ready for both a physically and mentally demanding 5 weeks with a lot of math based science work and long days out on the rock.

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base **Credit(s):** 2

Required Experience(s):

Course Notes:

Traditional Disciplines: Science: Physics Math: Algebra

RMNP Internship

ER - 51

All Day 2nd 5

Classroom: Anemone **Period:**

Instructor(s): Jon Anderson

Fellow(s):

Course Description

In this class you will have the exciting opportunity to do an internship with Rocky Mountain National Park. We are seeking motivated, independent, responsible, and hard working students that will work in the National Park this summer, for 3 days a week. Not only can this internship turn into a paycheck for you over your August/September break, but it can open up all kinds of career opportunities in the park service. This all day class will occur during the 2nd five weeks of the trimester. Students who are selected for the class will also be on an explore week trip that will have us visiting Glacier National Park and Grant Kohrs Ranch National Historic site.

ILP Graduation Requirements Possible

Power Standard Course: No

Distribution Requirement: **Credit(s):** 2

Required Experience(s):

Course Notes: Depending on their internship experience, students will have the opportunity to earn one of the Distribution Requirements.

Traditional Disciplines: Science: Earth English Government/Civics

Summer Production

ER - 51

All Day 2nd 5

Classroom: School House **Period:**

Instructor(s): Jon Borodach

Fellow(s): Peter Finn

Course Description

Whodunnit? This summer, students will learn many aspects of theater production while preparing and performing the classic murder mystery THE MOUSETRAP by Agatha Christie. The cast requires 5 men and 3 women. 8 students in this class are expected to participate on stage. There is room for 2-3 others (non-performers) to assist with the technical aspects of the production. Students will have the chance to gain experience with costumes, scenery design, prop management and make-up. Students are expected to have a high level of commitment and enthusiasm to produce a successful performance.

ILP Graduation Requirements Possible

Power Standard Course: Yes Effective Communication

Distribution Requirement: Effective Communication **Credit(s):** 2

Required Experience(s):

Course Notes:

Traditional Disciplines: Performance English History: World