

Century Middle School
Course Syllabus
2009-10

Course Title: 7 th Grade Science	Instructor Name: Cyndi Colston
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	http://century.adams12.org/colston.htm
	720-972-3266
	Ms. Colston is available during: 8:00-8:30 am and 3:45-4:15 pm in room F106. I am also available at lunch by appointment
Course Description : The scientific study of Life.	

Essential Learning Standards & Content Covered First Trimester:	Approximate Weeks of Study: First Trimester
Lab Safety	Week 1
Experimental Design (Observations, Inquiry Questions, Hypothesis, and Design)	Week 2, Week 3,
Scientific Testing (Conduct Investigation, Collect, & Organize Data)	Week 4, Week 5
Analysis and Conclusions (Analysis, Trends, Conclusions)	Week 6
Relationships between organisms and their physical environment.	Week 7, Week 8 <ul style="list-style-type: none"> • Essential Learning Field Trip: "Ancient Ecosystems: Dino Ridge & Red Rocks"
Diversity of Life (Living vs. Non-Living, Characteristics of Life)	Week 9, Week 10 <ul style="list-style-type: none"> • Div. of Life Presentation: "Desert Wildlife"
Diversity of Life (Microscopes, Characteristics of Life, Kingdom of Life: Protists Structure and Function of Cells and Organisms (Plant vs. Animal Cells, Parts of Cell)	Week 10, Week 11, Week 12 <ul style="list-style-type: none"> • Essential Learning Field Trip with Math: "Hunter's Glen Lake"
Essential Learning Standards & Content Covered Second Trimester:	Approximate Weeks of Study: Second Trimester
Principles of Heredity and Related	Week 1

<p>Concepts (Mitosis & Meosis)</p> <p>Principles of Heredity and Related Concepts (DNA, Mendelian Genetics, Genetics & Heredity)</p>	<p>Week 2, Week 3, Week 4</p>
<p>Diversity of Life (Domains of Life: Monera, Archea, Eukarya (Kingdom of Life: Plants, Photosynthesis & Respiration)</p>	<p>Week 5, Week 6, Week 7, Week 8</p>
<p>Diversity of Life (Kingdom of Life: Fungi)</p>	<p>Week 8</p>
<p>Diversity of Life (Kingdom of Life: Animals) (Classification & Levels of Organization)</p>	<p>Week 9, Week 10</p>
<p>Relationships between Organisms and their Physical Environment (Adaptations, populations, abiotic/ biotic factors, cycles of matter, Energy flow in nature)</p>	<p>Week 11, Week 12, Week 1 – Tri3 * Essential Learning Field Trip with Geography: “Eldorado Canyon: Ecosystems”</p>
<p>Essential Learning Standards & Content Covered Third Trimester:</p>	<p>Approximate Weeks of Study: Third Trimester</p>
<p>Human Body and Body Systems (Human Body Systems: Pre-view of 9 Systems)</p>	<p>Week 2 Week 3</p> <ul style="list-style-type: none"> • Essential Learning Project: Body Systems • Essential Learning Field Trip with Language Arts/Botanical Gardens -: “Your Health/ Your Body” Exhibit @ Denver Museum Of Science
<p>Human Body and Body Systems Focus on Digestive System</p>	<p>Week 4 Week 5</p> <ul style="list-style-type: none"> • Essential Learning Project: Worm Dissection
<p>Human Body and Body Systems Focus on Circulatory System</p>	<p>Week 6 Week 7 Week 8</p>
<p>Human Body and Body Systems Focus on Nervous System</p>	<p>Week 8 Week 9 Week 10</p>
<p>Human Body and Body Systems (All 9 Body Systems Working Together)</p>	<p>Week 11 Essential Learning Project: Frog Dissection</p>
<p>REVIEW OF YEAR AND FINAL EXAM</p>	<p>Week 12</p>

Grading Scale	
A	90-100
B	80-89
C	70-79
D	60-69
F	59 or below

Grade Percentages/Weights	
Labs	25
Projects/ Class work	10
Quizzes	15
Field Trip Guide	5
Common Assessments/ Exams	35
Homework	10

Individual Grade Policy:

- While homework is assigned approximately three times a week, the required completion time is generally one day after assigned.
- At times, it will be asked of students to finish the conclusion portion of a lab for homework. Often a number of students will be able to finish the lab conclusion in class.
- Projects will be given 1 to 2 weeks completion time.
- Assessments and grading standards are applied consistently to students of similarity demonstrated ability.
- Assessments are based solely on demonstrated student progress and achievement of reasonable and clear standards.
- Students are encouraged to be engaged and motivated in the completion of their assignments.

Group Grade Policy:

- When doing group projects students will be graded on both individual student performance and group performance.

Student Expectations:

- It is expected that students are respectful to each other, responsible, prepared, and on time for class. Students are expected to enter with an observant mind and a willingness to learn. We are a community of learners. This is my class motto and stand by this statement 100%.

Absence Policy:

- Students will be given the same number of days they were absent plus one additional day to make-up those assignments that were assigned on the day of the absence. The make-up period begins on the next school day following the absence.
- It is the student's responsibility to contact the teacher to schedule make-up tests or quizzes.
- It is the student's responsibility to check the make-up work notebook and the Odyssey Core Web page for missed assignments.
- It is the student's responsibility to collect copies of missed assignments from the "Green Extra Copy Box" under the appropriate weekly folder in which the assignment was assigned.

Tardy Policy:

- It is expected that all students are on time for all of their classes. An unexcused tardy will result in result in lunch detention.

Late Work Policy:

- All assignments must be completed and turned in on time.

- Each student of the Odyssey Core is given 2 late passes per core class per trimester. These late passes are for full credit and can be used within 5 days of the original assignment deadline.

Plagiarism/ Cheating Policy:

- Any student caught cheating on an assignment will receive a zero on that assignment.

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Acknowledgment of Receipt Form

Parents/Guardians,

Please share your preferred contact information before signing and returning this form to the classroom teacher.

Student Name (Please print)

Student E-mail Address

My preference for contact is:

By Email

By Phone

Parent/Guardian E-mail Address(s)

or

Phone Number(s)

Parent/Guardian E-mail Address(s)

or

Phone Number(s)

Parent/Guardian Signature

Date