



Portland Public Schools
Middle Level
Syllabus Template

School Year 2011-2012

Teacher: Kirk Ordway		School: Mt. Tabor Middle School	
Subject: Science/Math	Course Title: Math/Science Enrichment	Grade Level(s): 6	
Is high school credit an option for this course? <input type="checkbox"/> Yes			
Prerequisites: None			
Course description: The Physical Science course will provide students with a basic understanding in the fields of physics. This introductory course will prepare students for life-long learning by deepening their knowledge, promoting effective habits, and developing essential abilities such as problem solving and communication skills using the scientific method. Content will include the study of the concepts that deal with forces, motion, and forms of energy. The concepts are investigated through observing, collecting, summarizing, analyzing, and present the results of replicated scientific investigations for students to develop the appropriate skills in science as inquiry.			
Priority Standards: Link to OTL/Curriculum and Instruction/Science/6-8 Science/Standards/Priority Standards 6 th grade http://inside.curriculum.pps.k12.or.us/.docs/pg/11437			
Schedule of topics/units covered: Kirk Ordway/Mt.TaborMiddleSchool to OTL/Curriculum and Instruction/Science/6-8 Science/ PPS 6-8 Science Resources/Suggested Curriculum Sequence/			
Academic Vocabulary: energy, simple machine, compound machine, lever, ramp, pulley, mass, force, motion, velocity, acceleration, inertia, Newton's Laws, gravitational force, energy transformation, potential energy, kinetic energy, conservation of energy			
District adopted materials Prentice Hall Science Explorer Series			
Supplemental resources: Aims Experiments, Internet Labs			
Differentiation/ accessibility strategies and support (TAG, ELL, SpEd, other): Flexible grouping Depth and complexity extensions Rate and level curricular adjustments			

Tiered lessons
Socratic method
Diverse questioning strategies
Compacting

Final proficiencies: Some examples would include:
State Inquiry Work sample(s) that successfully score 4 or higher in all 4 aspects of the State Inquiry Scoring Guide. Demonstration of understanding of the PPS and Oregon Science standards on teacher made tests or portfolios of student work (specific assessment examples for each standards can be found in the PPS Science Standards: <http://inside.curriculum.pps.k12.or.us/.docs/pg/12132>)

Essential skills to be **Teachers should check all that apply** taught or assessed:

<input type="checkbox"/>	<input type="checkbox"/>	Read and comprehend
x	x	Write clearly and accurately
x	x	Listen actively and speak clearly
x	x	Apply mathematics
x	x	Think critically
x	x	Personal management and teamwork
<input type="checkbox"/>	<input type="checkbox"/>	Use technology
<input type="checkbox"/>	<input type="checkbox"/>	Civic and Community Engagement
x	x	Global Literacy

Assessment/evaluation/grading policy:
Students must demonstrate proficiency on learning objectives through completion of homework, assignments, projects.

Behavioral expectations: Please consider any school or team policies as they apply:

ATTENDANCE: It is expected that students will be present in class every day unless a note from a parent or guardian is provided and the absence is excused. Students are responsible for making up all work missed while they are absent in order to receive a grade for that work. Make up work is difficult (and sometimes impossible) to complete, especially for labs that require special set up or live specimens, therefore regular attendance is strongly encouraged. Make up work for excused absences will be accepted for up to three days after the student returns to school. Make up work for unexcused absences will be accepted at my discretion. Agendas will be posted daily to help with missed assignments.

TARDINESS: When students are tardy they miss the instructions and set up for the whole day's work. This is a very important time for the whole class, and I get impatient with interruptions during this time. If you are tardy please come in

quietly, and wait to get the information you missed, so as not to disturb the class any more than necessary.

HALL PASSES: Hall passes will be issued only in emergencies and not within the 10 minute periods at the beginning and end of a class. You are expected to complete such business within 5 minutes. Hall passes are located in the metal basket in the front of the room. You take one, write your name, the date, and time on it, and I will sign it. Take it with you on your mission and return it to the hall pass bin when you get back to class. I don't expect anyone to use many of these. You are capable of taking care of biological elimination on your own time except for emergencies.

RULES: It is my philosophy that every student has the right to a classroom environment that is conducive to learning and free from unnecessary disruptions. It is each student's responsibility to behave in a manner that is respectful of the rights of all members of the class.

We will write a Code of Cooperation together at the beginning of the year but the bottom line is:

Respect yourself
Respect others
Learn science

All other rules are related to these three rules.

CONSEQUENCES: In the event that a student's absences, tardiness, or behavior become a problem the following consequences will be implemented:

1. individual conference with the student
2. call the student's parent or guardian
3. refer the student to the appropriate administrator or counselor

CHEATING: Anyone caught cheating will be given a grade of "0" as a score for that assignment and parents will be notified. IT IS NOT WORTH IT TO CHEAT! Copying is cheating! If you are working with a team you must use your own words. Even though there are a lot of social pressures this class is not about grade competition it is about what you can do to become a scientifically literate citizen.

HONOR STATEMENT: I declare that all the work I do for this course will be my original work. If I am working with a team I will use my own words to express ideas that are synthesized by the group.

CONTACT INFORMATION: If you need to contact me my email address is kordway@pps.net, and my prep period is 8th period. You can contact me by phone at 503-916-5646.

Safety issues and requirements:

Students must share and return the **required** PPS Lab Safety Agreement with signature of parent or guardian before they can participate in lab activities. They should adhere to all aspects of safety included in that document.

<http://inside.curriculum.pps.k12.or.us/.docs/pg/11031>

Signature of instructor completing this form: **Teachers sign here**

Administrator Approval:

By approving this syllabus the administrator verifies that

- a. the course code written on this form is accurate and that this code has been correctly placed into eSIS by the school's data clerk.*
- b. the teacher listed on the syllabus meets the endorsement requirements as set forth by ODE and NCLB.*
- c. the course meets the requirements of the District required core curriculum including standards.*
- d. the teacher is using District adopted materials or has been approved to use other resources.*