

COURSE

SYLLABUS

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| **Course Name:** | **8th Grade Science** | | **School Year:** | 2016-2017 |
| **Teacher(s):** | Mrs. Kristi Jansons Mr. Tim Litzenberger | | **Grade Level(s):** | 8 |
| **Class Length:** | 48 |
| **Quarter Report Dates:** | 10/28, 1/20, 3/31, 6/9 |
| **Course Description:** | Science – 1 Period Every Day, All Year: When comprehending current events, choosing and using technology, or making informed decisions about one’s healthcare, science understanding is key. Science is also at the heart of the United States’ ability to continue to innovate, lead, and create the jobs of the future. Chinook science instruction will be guided by the Washington State Next Generation Science Standards.6th Grade Life Science7th Grade Earth Science8th Physical Science | | | |
| **Textbooks:** | Prentice Hall Physical Science FOSS Kits “Force and Motion” and “Chemical Interactions” | | | |
| **1st Quarter Learning Unit(s):** | -Energy: what is energy, kinetic and potential energy, the different forms of energy -Motion: what is motion and how is it measured -Speed: how to calculate the speed of an object | | | |
| **2nd Quarter Learning Unit(s):** | -Acceleration: how to calculate the acceleration of an object  -Forces: the different types of forces which includes friction, gravity, Newton’s Three Laws of Motion, and buoyancy  -Momentum: How to find the momentum of an object | | | |
| **3rd Quarter Learning Unit(s):** | -learning how to identify an unknown substance -learn what elements are and how the Periodic Table of Elements is set up -understand the properties of solids, liquids, and gases | | | |
| **4th Quarter Learning Unit(s):** | -understand how energy is transferred from one substance to another -how to calculate the heat in a substance and when phase changes occur -begin to understand how solutions work including the terms concentration and saturation. | | | |
| **Required Supplies:** | | **Recommended Supplies:** | | |
| -binder -pencil -calculator -notebook paper -POSITIVE ATTITUDE | | -earbuds | | |
| **Grading, Retesting, and Late Work Policy:** | Grading will be based on evidence of what students have turned into the teacher. Grades will be directly affected by issues such as effort, attitude, and participation.   Grades affecting the report card will be based on:   a. Level One: (beginning) The students cannot correctly complete or understand the concepts or skills needed to meet the standards.  b. Level Two: (emerging)  The student can demonstrate some learning, but can’t be done independently. c. Level Three: (proficient)  The students can independently meet the standards given for that descriptor. d. Level Four: (Advanced)  A student can independently demonstrate extensions from the standards given. The student can give connections to the work they are doing with previous work.  Here is how it breaks down by percentage:  4=100% 3.5=90% 3=85% 2.5=80% 2=75% 1.5=70% 1=60%  \*80% of total grade will be assessments. \*20% of total grade will be assignments.  **Tests/Quizzes**  All units will have quizzes and/or tests. **You must complete pre-requisite work in** **order to take the test.** If you are absent on a quiz or exam day student will complete ASAP. | | | |
| **Homework Forecast:** | Most science work will be done in class. However, students will have homework if they are not using class time wisely, absent or need to study for exam. Students having questions on all homework will be given time to ask before due date.   Assignments will be completed on time. If they are turned in late the student will receive a score of 40%. | | | |
| **Best way to communicate inquires to the teacher:** | E-mail will be the best method to get a hold of your teacher: Kristi.jansons@ksd.org or tim.litzenberger@ksd.org | | | |