Broadway Syllabus 6th Grade Science

Course Title: 6th Grade Science

Course Description: Physical Science

Instructor: Angie Bice Email: abice@seaside.k12.or.us

**Text/Course Materials:** The course uses an eBook by StemScopes. The book can be accessed at home at <https://login.acceleratelearning.com/>. Other course materials (notes, worksheets and lab forms) are provided to students in class and are also available online for download on my website which can be found at <http://bmsbice.weebly.com/> or on the Broadway Middle School webpage on the left hand side under school staff.

**Subject Standards Learned in this Course:**

Oregon adopted the Next Generation Science Standards (http://www.nextgenscience.org/next-generation-science-standards) in March of 2014. 6th grade science covers the middle school physical science component of these standards: MS-PS1 Matter and Its Interactions, MS-PS2 Motion and Stability: Forces and Interactions, MS-PS3 Energy, MS-PS4 Waves and Their Applications.

**Common Core State Standards Learned in this Course:** The Common Core Standards in literacy and math can be found at <http://www.ode.state.or.us/search/page/?id=1577> at the bottom of the page grades 6-8.

**Major Projects:** Science inquiry task, winter trimester. As a State required task, all work is to be done in class.

**Course Outline**:

|  |  |
| --- | --- |
| Length of Time | General Topic |
| 3.5 weeks | Class Routines/Nature of Science/Metric System |
| 2 weeks  | Structure of Matter |
| 7 weeks | Chemical Reactions |
| 7 weeks | Interactions of Matter and Energy |
| 4 weeks |  Transfer of Thermal Energy |
| 5 weeks  | Forces & Motion |
| 3 weeks | Energy of Motion |
| 3 weeks  | Potential Energy |
| 2 weeks  | Waves and Wave Application |

**Classroom Rules:** My job as a teacher is to provide a safe, comfortable environment where students can grow and learn. The main classroom goals are **RESPECT, RESPONSIBILITY, and SAFETY**. Three simple guidelines can help you achieve those goals: come to class prepared, follow directions, and stay on task.

**Attendance:**  Much of the content in this course is best understood by doing activities that allow you to investigate the ideas involved. Therefore, it is important to come to class as often as possible and be an active participant in class.

**Interactive Journal:** Students will be keeping an interactive science journal in which most work will be done. ***If the journal is lost the student will be required to recreate the journal using the teacher version.*** Therefore, it is very important that students be responsible with their journal at all times.

**Grading:** Daily Work/Journal = 30%

 Labs = 30%

 Assessments = 40%

**ParentVUE & StudentVUE:** Please check Student and ParentVUE every week to stay current on student grades and missing assignments. The link can be found on either my website or the Broadway Middle School website. Parents, you can get your username and password by calling the front office at 503-738-5560. I *USUALLY* grade weekly on the weekends and so it is best to check for changes after the weekend. Any assignment with a 0 is considered missing.

**Communication:** The main goal of this course is for all students to be successful. If there are ever any questions, comments, or concerns please do not hesitate to contact me. I do not have a classroom phone but the front office will take a message and I will return your call ASAP (503-738-6950). I can also be connected via email at abice@seaside.k12.or.us. I look forward to an enjoyable and productive year in science.

Both student and parents, please sign that you have read and understood this document below and return it to me. I will make a copy and send it back. Thank you so much.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name (Printed) Student Signature Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Name (Printed) Parent Signature Date