Ms. Boyd’s 2016-2017 7th Grade Integrated Science Course Outline and

Class Expectations for Success

“Most people say that it is the intellect which makes a great scientist. They are wrong: it is character.” Albert Einstein

**COURSE OVERVIEW**

The 7th grade integrated science class focuses on the theme of “structure” as it applies to physical, earth and life sciences. The goal of the science program is designed to encourage inquiry, critical thinking, problem solving, and engaging students in learning to value the use of the scientific method as the process for obtaining knowledge and helping students develop an understanding of the basic structure of life and the world around them. It is my dream that students will acquire a deep sense of appreciation for the amazing world of science and will come to realize that scientific discoveries gleaned from using the scientific process are an integral part of our everyday experiences and form the foundation for many careers.

* + **Topics Covered**
  + \* What is the Nature of Science?
  + \* The Scientific Method

\* Metric Measurements

\* Structure of Atoms

\* Characteristics and States of Matter

\* Structure of the Earth’s Crust and its Interior

\* Structure and Function of Cells and Living Things

\* Genetics

\* Classification of Living Things

* + **Materials To Bring To Class Daily**

**\* A positive attitude and desire to have fun and learn amazing science**

\* School Planner

\* **SCIENCE NOTEBOOK** for writing class notes and reflections (What Do You Know Now That You

Didn’t Know Before? What Are My Strengths And Weaknesses? Making Goals: How Can I Improve And

Learn The Material Better?)

**\* SCIENCE FOLDER** –to help keep all science handouts and work in progress for the current unit organized

and in one place

\* Pencils, pens, and **COLORED PENCILS**

**Graded On**

\* Daily Participation

* + - \* Preparedness: **BEING IN ASSIGNED SEAT, QUIET AND READY TO WORK WHEN THE BELL RINGS**

\* Following Directions and Listening

* + - \* Practicing Good Citizenship Behaviors as outlined in the DMS Citizenship Rubric
    - \* Class assignments and activities
    - \* Science Notebook for class notes and activity reflections
    - \* Homework
    - \* Science Project (Information to come....)

\* Common Assessment Quizzes / Tests

**Grading Policy**

We will follow the grading policy outlined in the Student Handbook.

**Late Work**

Late work is accepted. Depending on the circumstances points may be deducted from the assignment.

* + - **Absences**
    - If you are absent you are still required to make up missed assignments. Please check with me as soon as you return back
    - to schoolto see what you need to do to get caught up.
  + **Quizzes and Tests**
  + You will be tested on **10 Science I Can Statements** (see attached sheet). 70% on a quiz is considered passing. If in the event you do not pass an I Can Statement Quiz, I will make arrangements for you to review the material and to take a make up quiz that will be done during iTime or after school. The I Can Statement quizzes were created to test your science knowledge mastery and to prepare you for the SAGE test at the end of the year.
    - **OUTSTANDING CITIZENSHIP AND BEHAVIOR IS EXTREMEMLY FOR ACADEMIC SUCCESS**
    - **RESPECT** is appreciating the value and worth of something. So please respect yourself: **CARE ABOUT YOURSELF**, your peers, your teachers and school property (building, class supplies). What being RESPECTFUL in my class would look like is as follows:

\* **Be** kind and courteous

* + - 1. \* **Be** responsible, honest and accountable for your own behaviors and actions
      2. \* **Be** helpful and supportive
      3. \* **Be** a good listener and cooperate
      4. \* **Be** prepared (paper, pencil, science notebook and folder) and ready to work everyday when the
      5. bell rings

\* **Be** active in participating in all class activities

* + - 1. \* **Be** a follower of directions
      2. \* **Be** studious, review class materials and turn completed work in on time

\* **Be** hopeful and positive as you can always improve

* + - 1. \* **Be** reflective
      2. \* **Be** and do your best by always striving for excellence!
      3. \* **REMEMBER THAT YOU ARE AWESOME, YOU ARE LIKE A BRIGHT SHINNING DIAMOND THAT HAS INESTIMABLE VALUE AND WORTH: SO, LIVE UP TO WHO AND WHAT YOU ARE!**

**If you have any questions**:

**\*** I can be reached at [kimberbo@provo.edu](mailto:kimberbo@provo.edu)

* + **\*** I am also available at school between 7:35 a.m. - 8:00 a.m. and 2:50 p.m. – 3:15 p.m.

Student Signature (PLEASE PRINT) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period \_\_\_

Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is there anything you would like to share or something I should know about your child that will help him/her succeed in my class?

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Daytime phone number where you could be reached if needed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email where I could contact you if needed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I appreciate you for your time spent in reading this course description. I believe that your consistent interest, encouragement and support in your child’s education can have a powerful impact on his/her academic progress. You can assist your child in having a successful 7th grade science experience by checking his/her grades regularly ensuring that assignments are being completed and turned in and by asking questions and listening to what your child is learning in class. Conversations about science related issues outside of the classroom environment that engage your child in sharing what he/she has been studying will strengthen and reinforce learning and knowledge acquisition. If you have any questions or concerns regarding your child’s progress in 7th grade science please let me know. I am here to help.

Thank you,

Kimberly Boyd

kimberbo@provo.edu