

## **Welcome to Earth Science with Mrs. O'Bryant! 2020-2021**

There is so much to learn about this planet that God created just for us! Both beauty and order abound in God's creation. We will explore many of its amazing features over the next 9 months. Our Fall curriculum will focus on the solid earth: its origins, the Genesis Flood, rocks and minerals, mountains, earthquakes, etc.. After Christmas break we will turn our attention to the atmosphere (air and weather) and the hydrosphere (primarily oceans).

I am looking forward to the year in front of us. I'm especially excited about the activities, experiments, the discussions, and the learning games. The weekly homework and additional assignments will help you retain the things you have learned, and allow you to develop a strong foundation of knowledge and skills to help you transition into high school science classes.

One key to a successful year in science class is clear communication between the students, parents, and teachers. Parents are encouraged to email or text with any concerns or questions. In-person conferences can be scheduled on an as needed basis. Students are encouraged to actively participate in class, to be diligent in completing all of their homework assignments, and to seek assistance with any questions regarding homework, projects, and tests. Teacher contact information is available on the syllabus.

I am excited about getting to know each of you in the coming months. I look forward to a memorable year in science as we explore God's Creation together!

Blessings in Christ,

Julie O'Bryant



<b>Earth Science</b> <b>Fall 2020 – Nashville Campus</b>			
Week #	Date	Lessons Taught	Tests/Quizzes
1	August 20	1, 2	
2	August 27	3, 4	
3	September 3	5, 6, 7	Quiz Lessons 1-4
4	September 10	8, 9	
5	September 17	10, 11, 12	Unit 1 Test Lessons 1-7
6	September 24	13, 14	
7	October 1	15, 16	
8	October 8 (Breather Week)	17, 18	Quiz Lessons 8-14
9	October 15	19, 20, 21	
10	October 22	22, 23	Unit 2 Test Lessons 8-18
11	October 29	24, 25, 26	
12	November 5	27, 28, 29	
13	November 12	30, 31	Unit 3 Test Lessons 19-26
14	November 19 (Modified Assignment)	32,33	
15	November 26	<b>Thanksgiving Break</b>	
15	December 3	Group Project	
16	December 10	Group Project 1, 2 <i>Begin Our Weather/Water</i>	Unit 4 Test Lessons 27-33

# ***Veritas Classical Schools***

**Earth Science 2020-2021**

**Nashville Campus**

## **Student Book and Supply List**

### **Required Books:**

Fall:            Our Planet Earth, 4<sup>th</sup> ed.                            ISBN 13: 978-1626914421

Spring:        Our Weather and Water, 4<sup>th</sup> ed.                        ISBN 13: 978-1626914483

### **Supply List:**

- backpack and refillable water bottle
- 3-ring binder 1½ inch
- 3-ring plastic 2-pocket dividers with insertable tabs (3-5 pack)  
(The dividers can be reused for the Spring semester)  
  
(The pocket dividers will be labeled in class)
- 3-4 sharpened pencils with erasers or erasable pens
- personal pencil sharpener
- loose-leaf notebook paper for taking notes in class

red (or other color) pen for self-correcting homework in class

colored pencils

ruler

scissors

small stapler

1 bottle white school glue

1 glue stick

**PLEASE BE SURE TO LABEL ALL BOOKS AND OTHER SUPPLIES WITH FIRST/LAST NAME**

**Text (Parent provided):**

Fall: God’s Design for Heaven and Earth: Our Planet Earth, 4<sup>th</sup> ed., Answers in Genesis  
ISBN: 9781626914421

Spring: God’s Design for Heaven and Earth: Our Weather and Water, 4<sup>th</sup> ed., Answers in Genesis  
ISBN: 9781626914483

**Course Description:**

Earth Science is the study of non-living aspects of the planet earth. In the fall the focus will be on the solid part of the earth, including its origin, design, and the many things found on it. In the spring, we will focus on the hydrosphere and the weather. Discussions, experiments and supplemental activities will help to reinforce the material being studied.

- Class Supplies:**
1. Textbooks listed above
  2. 3-ring binder (1½ inches)
  3. Pocket Insertable Plastic Dividers (3-5 tab pack)
  4. Small Stapler/Staples
  5. Scissors
  6. Ruler
  7. White School Glue/Glue Stick
  8. Pencils/Colored Pens (Red/Blue)
  9. Notebook Paper for Taking Notes

<b>Assessment Grading Scale</b>	
Class Participation/Notebook	10%
Textbook Homework	30%
“Additional Homework”/Quizzes	20%
Tests/Project	40%

**Textbook Homework:**

Textbook homework format should follow the instructions in the Class Homework Guidelines. Homework will be due on the date specified on the weekly assignment sheet. **Homework submitted late will be graded per the homework policy outlined in the Veritas Code of Conduct (see item #5).**

Handwritten work must be legible and in pencil or blue/black ink. Homework may be typed (unless otherwise noted on specific assignments) if desired. Work must be self graded with a red or other color pen that is different from the color the homework was completed in.

We will create personal study tools to aid in test preparation. These may include pages with mini-books, lift-the-flaps, or drawing/labeling diagrams. These will be kept in the 3-ring binder.

**“Additional” Assignments/Quizzes:**

These will be a variety of short assignments. The majority will be homework worksheets, but some will be class quizzes and in class activities.

**Tests/Project:**

A test schedule will be given out at the beginning of each semester. Projects will be utilized throughout the semester to enhance learning.

Contact: Julie O’Bryant  
[jwobryant123@gmail.com](mailto:jwobryant123@gmail.com)  
615-541-9860



## Lab Safety Rules and Contract 2020-2021



### Earth Science Safety Rules:

The following list of safety procedures and rules pertain to my safety in the science classroom.

1. Horseplay in the science classroom is dangerous. I will practice appropriate conduct in the classroom, such as walking, using a quiet indoor voice, keeping my hands off of others, and respecting the property of the church and other students.
2. I will follow written and verbal instructions concerning procedures and/or safety precautions. They are created for my protection.
3. Experiments performed in class are for instruction. They are planned to teach an idea or concept. I will perform only authorized experiments.
4. I will handle only those chemicals or equipment for which I have received instruction. I will be extremely careful with the handling and storage of chemicals, equipment, and sharp objects. I will report any accidental spills immediately.
5. Chemicals are labeled for identification. I will always read the label to make sure I am using the correct substance. Mixing and handling chemicals or other substances can be dangerous. I will not do so unless instructed in a planned and approved experiment.

6. Safety equipment is provided in the science classroom in case of emergency. I will follow all instructions given by Mrs. Steele in using the appropriate equipment. This might include goggles, aprons, gloves, etc.

7. Broken glass is dangerous. If an accident occurs, I will report it immediately to Mrs. Steele.

8. I will be careful not to write on or damage the tables, chairs, or other science equipment provided. I realize that this is a form of vandalism and I will be held responsible for my actions.

9. I will clean up after myself, and my lab team. I will leave the area where I am working better than I found it. This demonstrates responsibility.

10. Cheating and plagiarism will result in an automatic failure on any assignment, lab activity, test, or project. All work turned in by myself, or my lab team members, will be completely our own.

Please read, sign and return this form to Mrs. O'Bryant.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_

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