

BHC Lower School

Class Description 2024-2025



BROOK HILLS CO-OP

Class:

Course Title: 4th Grade Science - God's Design For Heaven & Earth

Teacher: Melanie Dewaal

Grade: 4th Grade

Schedule:

Day of the Week: Thursday

Time: 10:30-11:55

Minimum Number of Students: 10

Maximum Accepted: 15

Fee:

Total Tuition: \$400

- Deposit of \$50 due April 1st, secures registration and is deducted from total fee.
- Payment Option 1: Remaining balance due August 1st.
- Payment Option 2: Half remaining balance due August 1st, half due January 9th.
- Teacher Venmo: @Melanie-Dewaal

Class Description:

BHC science classes use a rotation of the *God's Design* series from Masterbooks Publishers. This year, we will be studying *God's Design for Heaven & Earth*. The course covers three sections: *Our Universe*, *Our Planet*, and *Our Weather & Water*. During the study of *Our Universe*, we will learn about the solar system and the amazing ways that God holds everything together. We will then move onto studying *Our Planet* which will focus on geology- plate tectonics, the Great Flood, and the formation of rocks. Finally, we will turn our attention to water on our planet as we study *Our Weather & Water*. We will learn about the atmosphere that surrounds our planet and makes it unique, and we will explore the ways it functions- the water cycle, ocean currents, and weather.

Most weeks will follow a similar pattern. Students will be given direct instruction for a portion of the class, and we will spend the remainder experimenting with our topic. They will be sent home with a homework assignment that will reinforce our topic for the week. Most of the homework will be reading from the textbook and reviewing notes from class. With very few exceptions, experiments will be completed during class time.

Curriculum & Supplies:

God's Design for Heaven and Earth- Student Edition

ISBN #9781683441298

<https://www.masterbooks.com/gods-design-for-heaven-earth-mb-edition>

*If purchasing a used curriculum, older editions of this book may come as a set of 3 books. They are now bound and sold as 1 book, but older editions are also acceptable. The contents are the same.

Supplies include:

- 1 3-ring binder with dividers
- Pencils, scissors, colored pencils, glue sticks to be shared with other classes

Tests, Assignments, & Grades:

Students will learn to take tests in a classroom environment. Each grade level will be given an evaluation that is specific to that amount of understanding expected in their grade. One quiz will be given approximately every two weeks. At the completion of each section, a more comprehensive exam will be given in class. Quizzes and exams are expected to encourage practice with basic study skills, to evaluate understanding of topics, and to ease the student into comfort with test-taking. During the fall semester, each student will complete a presentation in class about an astronaut. For the spring semester, a long-term project collecting weather data will be completed.

BHC Lower School Expected Skills - 4th Grade:

- Compose Phrases/Sentences/Occasional Paragraph
- Read Fluently
- Transcribe Phrases
- Master Classroom Behavior
- Manage a Multi-Resource Class Time
- Actively Listen During Lecture Time
- 2 Project/Presentations

Student Responsibilities:

- Be present! Come to class each week.
- Be prepared! Make sure you have your binder, your homework, and a pencil.
- Be ready! Participate in class discussions & activities.
- Be respectful! Treat everyone like they are important
- Be curious! Because science is all about asking questions.

Teacher Bio & Contact Information:

I am Melanie Dewaal, and I will be teaching 4th-6th grade science for the 2024-2025 school year. I am a graduate of Samford University with a BSN, and I have worked for 17 years as a nurse. I love exploring the world and seeing God's hand in every aspect of creation. I am married to Chris, the children's minister at FBC in Pell City. We have 4 children: Anna Kate, Joshua, Sarah Joy, and Leah. In my free time, I enjoy digging in the garden, making sourdough bread, and sweating at my local Crossfit gym.

Contact: melanie.dewaal@bhco-op.com