











8th Grade Science with Mrs. S.

Class & Contact Information

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|  Mrs. Chrysoula Sanderford-Ttousios |  csanderfordttousios@wcpss.net |
|  8th Grade Website (https://rb.gy/qwumcp) |  Mrs. S. Teacher Website (www.sanderford.weebly.com) |
|  <i>Remind: Text @csanderf to number 81010 Talking Points through Wake County</i> |  Google Meets by appointment |
|  Canvas through Wake ID |  Office Hours: M - F, 3pm-3:30pm |

***Google Meets code nicknames for live lessons can be located on my teacher website and Canvas.

Course Overview

8th grade science is a combined course of study covering evolution, ecosystems, hydrosphere, biotechnology, diseases, natural resources, and chemistry, taught through a series of interconnected units. The course is designed to review **science concepts** and **practices** from earlier grades and strengthen and develop them as the year progresses.

Science is not a subject, but rather a method of studying the world. Science is defined as **an organized way to gain knowledge about the natural world by observing and investigating**. Therefore, science is both a collection of knowledge *and* the process of discovering it.

Course Topics

Below is a list of the topics that 8th grade science students will study this year.

| Topics of Study | |
|--|---|
| 1st Semester, Fall 2020 | 2nd Semester, Spring 2021 |
| <ol style="list-style-type: none"> Thinking Like a Scientist Earth History & Evolution Populations & Ecosystems Hydrosphere Begin Biotechnology | <ol style="list-style-type: none"> Finish Biotechnology Natural Resources Matter/Chemistry Review for EOG |
| <p>*NOTE: <i>The order of topics has been determined by Wake County and will be followed by all teachers across the county in order to maintain consistency and equity during this time.</i></p> | |

Materials for Virtual Learning

- ❖ Internet and device access
- ❖ Bound Notebook (spiral or composition)
- ❖ Pencils/Pens
- ❖ Colored Pencils
- ❖ Highlighters

Grading

Students will be evaluated using a **variety of assessment techniques**, including tests, quizzes, lab assignments, readings, projects, and independent work. The evaluation criteria are as follows:

| Criteria | | Description |
|------------------|-----|---|
| Independent Work | 30% | Independent work refers to classwork and/or work assigned to be completed before the next live session . There isn't really "homework," but rather assignments that should be completed outside of our live lessons. |
| Quizzes & Labs | 30% | Quizzes will be given frequently throughout each unit to check for student understanding and will come in a variety of formats and platforms . Labs will carry the same weight as a quiz due to the student demonstrating their understanding and applying their knowledge. |
| Tests & Projects | 40% | Tests will be given at the end of every unit (topic). Projects assigned can be independent, partner, or group. |

Late Work

- ❖ All graded assignments will have a due date.
- ❖ Students have **1 week** from the due date to turn in late work.
 - After 1 week, the **student must email** their teacher to inform them that they have turned in a specific assignment so it can be checked and graded.

Absent From Class

- ❖ If absent for 3 consecutive days, the teacher will reach out to the student's guardian to inquire.
- ❖ If absent from class, it is **the student's responsibility** to discover what they missed, including any assignments, by **checking Canvas first** and then contact the teacher with any remaining questions.

Weekly Schedule

In order to provide students with stability, most weeks we will follow the schedule that follows:

| Weekly Schedule | |
|-----------------|--|
| Monday | Live whole class delivery of new content. |
| Tuesday | Reinforcement of content through video and vocabulary practice. |
| Wednesday | Live whole class delivery continuation. |
| Thursday | Literacy and inquiry. |
| Friday | Review of concept and weekly vocabulary assessment/content quiz. |

*****Every class will begin with live instruction, so it is important that you are present and on time.**