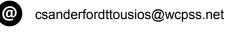


# 8th Grade Science with Mrs. S.

## **Class & Contact Information**







8th Grade Website (https://rb.gy/gwumcp)

Mrs. S. Teacher Website
(www.sanderford.weebly.com)



Remind: Text @csanderf to number 81010 Talking Points through Wake County Google Meets by appointment



Canvas through Wake ID



Office Hours: M - F, 3pm-3:30pm

## **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			
1.	Thinking Like a Scientist	1.	Finish Biotechnology			
2.	Earth History & Evolution	2.	Natural Resources			
3.	Populations & Ecosystems	3.	Matter/Chemistry			
4.	Hydrosphere	4.	Review for EOG			
5.	Begin Biotechnology					

\*NOTE: 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.

<sup>\*\*\*</sup>Google Meets code nicknames for live lessons can be located on my teacher website and Canvas.

#### **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 <b>completed before</b> the <b>next live session</b> . 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 <b>variety of formats</b> and <b>platforms</b> . 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.		

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