



2026-2027

Instructor: Mrs. Michelle Malach

Email: mmalach@wcpss.net

Canvas: Course Materials, daily assignments, and unit plans posted here along with a link to our class website.

Class Website: Daily lesson plans/homework posted here.

Tutoring: During CAPs Connection Tues-Fri OR after school by appointment

Welcome to Sheltered Earth Science and Sheltered Physical Science at Broughton High! The Sheltered Sciences focus on the improvement of English through the focus on Earth and Physical Sciences by our Multi Lingual Learners. By studying English through the lens of Science, your student will be able to improve their English while also earning up to two Science credits towards graduation at Broughton High School. Students in sheltered science will attend science class every day for the school year. During the first semester, the science focus will be Earth Science, a study of the Earth's rocks, land, water, air and space. During the second semester, the science focus will be Physical Science; a study of matter, energy, and how the universe works.

Course Outline:

Unit 1: **Nature of Science** (Lab Safety, Use of Scientific Instruments, and Experimental Design)

Unit 2: **Astronomy** (The Moon, Sun, Earth System, the Planets and other astronomical objects)

Unit 3: **Plate Tectonics** (Rocks, Rock Cycle, Plate Tectonics, and Volcanoes)

Unit 4: **Hydrosphere** (Surface and Ground water, Water Cycle, Oceans, and Currents)

Unit 5: **Atmosphere and Weather** (Layers of the Atmosphere, Air Masses and Weather)

Unit 6: **Ecology** (Energy Flow, Populations, Species Interactions, Environmental Issues, Sustainability)



Required Materials:

1. Pencils, pens, markers/colored pencils/pens
2. Chromebooks every day – charged!

Remind App (students): Most due date reminders for students will come through Canvas. However, I will use Remind to send text message reminders of important test/project due dates. Be sure to sign up for this!

Mrs. Malach's Wish List



3A/B Earth/Physical: @malach3ab

Grading:

Your grade reflects YOUR effort and mastery of content. The more effort you put in, the higher your grade.

Semester Grades:

1. Minor Assignments (completion): 10%

- Study Guides, Homework and Classwork checked for completion

2. Major Assignments (graded for accuracy): 90%

	Point Value	Multiplier for IC
Unit Tests	100	1.0
Projects	25-50	0.5 – 1.0
Labs	20-30	0.3
Activities/Quizzes	5-10	0.1

Final Course Grade:

Semester 1 (Q1 and Q2): 40%

Semester 2 (Q3 and Q4): 40%

Final Exam: 20%

Makeup Work:

STUDENTS ARE RESPONSIBLE for finding out what they missed by accessing Canvas or talking to Mrs. Malach directly. Students should notify me BEFORE a pre-planned absence so they can get work.

- Any classwork/lab you miss due to an absence **will be submitted within 2 class periods.**
- Missing assignments are due by the end of the unit. **No work will be accepted after a unit test.** Speak directly to the teacher for extenuating circumstances.
- Any work that was due on the day you were absent will be due the day you return to school – you do not get extra time.
- Missed tests/quizzes will be made up in class the day you return OR after school within 48 hours. Sports practice can wait... This allows me to give prompt feedback to your peers.
- Talk to the teacher directly to determine a plan for work due to extended absences from illness.

Missing/Late Assignments:

If you fall behind, it will be very hard to catch up. Practice is meant to help you master content. If you don't do the practice or wait until after major assessments to do it, practice has little value. **BE IN CLASS EVERY DAY!**

- Missing assignments will be noted in the gradebook as a zero until they are submitted.
- **No work will be accepted after a unit test.**

Classroom Expectations:

- Be on time to class/present in class (avoid unnecessary absences)
- Be prepared with needed materials (including a charged chromebook daily!)
- Participate in the assigned activities
- Show **respect** for others, the classroom, school policies, your learning time, and lab safety guidelines
- Have a positive attitude about learning, and ask questions!

Cell Phones: BHS has a bell-to-bell no cell policy. Thus, cell phones, earbuds, and any electronics outside of the school issued Chromebooks **are to be put away and not accessed during instructional time.** Why? Phones can distract and take away from a student's learning experience. If you are texting, you are likely missing important material or instructions for activities that you need to be successful in this class. I have seen a direct correlation between cell phone usage and grades over my years of teaching. Students will be given the opportunity at the beginning of each class to

collect all work-related supplies and then place their cell phone and other electronics in bins. These items will not be accessible until the end of the block.

Academic Integrity: It is the belief that ethical academic standards should be practiced by all students. Academic dishonesty takes away from true understanding of content, cheapens your education and damages the ethical character of that. Any student who engages in or attempts to engage in cheating, plagiarism, or falsification **will be subject to disciplinary action and/or academic penalty of a zero grade.** See attached policy for more details.

In taking this course, you assume the responsibility of your actions, and promise to uphold the honor code of Broughton High School by neither giving nor receiving unauthorized help on any quiz, test, exam, or other academic assignment.

****I look forward to a great year with you exploring Sheltered Sciences! Please note that Mrs. Malach reserves the right to change any policy/procedure stated here to meet the needs of our class during the year.****