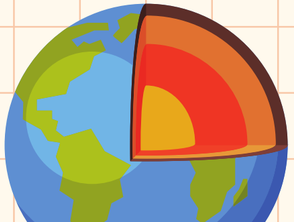
Grade 7

SCIENCE SYLLABUS

Ms. Jozwik



Welcome!

My name is Jess Jozwik, and my goal is to create a safe, challenging, and inclusive community where students use their strengths to make sense of complex phenomenon and master science, engineering, and life skills.

I love teaching 7th grade science! Our class will follow the Next Generation Science Standards.

Students can expect to work on science every day all class period, and should expect to share their thinking in a variety of ways. We will discuss, write, read, observe, design, draw, use math, and "figure things out". We will learn both independently & collaboratively, and will have opportunities to give & receive feedback.

WHAT WE WILL INVESTIGATE:

What causes Earth's surface to change?

Where do natural disasters happen and how can we prepare for them?

How do living things heal and grow?

Why do things get damaged when they hit each other?

How can we sense so many sounds from a distance?

How do we use magnets to help us in the real world?

Report Cards: Expect to see one grade per science area

Trimester 1: Earth Science

Trimester 2: Life Science

Trimester 3: Physical Science

HOW WE WILL INVESTIGATE:

Science and Engineering Practices

We will use these practices to explore, investigate, and make sense of different real world questions.

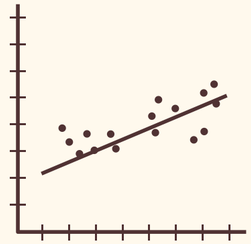
You can click on each practice to see a general rubric that will be used to assess the skill.

Progress on these skills will be communicated on the report card each trimester.

Asking questions and defining problems

Making and using models

Planning and carrying out investigations



Analyzing and interpreting data

Constructing Explanations and Designing solutions

Engaging in argument from evidence

Using mathmatical thinking

Obtaining, evaluating & communicating information

CLASSROOM VALUES

1. Everyone deserves to be treated with kindness and respect.
2. Everyone's participation and ideas are valuable
3. We are here to learn and move our science thinking forward.
4. Challenge, mistakes, and reflection are important for learning.
5. Everyone is responsible for their own learning, materials, and actions.

If a student is struggling to uphold these values, we will have a private conversation to explore solutions together. If the behavior continues, an email home, lunch reflection, or office referral may be used.

ASSESSMENT

The following criteria will be used to evaluate student progress:

IN CLASS ASSIGNMENTS

Each day we will discover more information to add to our understanding. Coming to school ready to learn every day is important so you have all of the important experiences to help you solve problems.

SUMMATIVE ASSESSMENTS

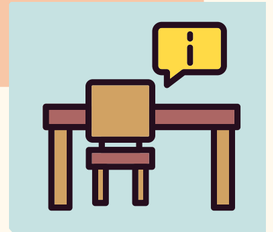
Toward the end of each unit, students will be asked to apply their knowledge to complete some kind of performance task. A rubric will be provided to guide their work.

CHECK YOUR UNDERSTANDING FORMS (CYUS)

These short formative assessments will automatically grade and will give instant feedback. Students are encouraged to engage with the feedback and correct their mistakes.

ABSENCES

When absent, it is the students' responsibility to make up work. Begin by checking google classroom for in class assignments, and please ask me any questions



STAY IN THE LOOP!

We are partners! I want the best for each student, and I want our time in the classroom to be engaging, productive and safe. If you have any questions or are interested in learning more about 7th grade science, you can use any of these tools:

GOOGLE CLASSROOM

Use google classroom to find assignments, due dates, class resources, and work samples.

NEWSLETTER: THE SCOOP

We will send a weekly newsletter. Read the Scoop for important reminders, summaries, pictures and prompts to ask your student

POWERSCHOOL

Use powerschool to check grades and missing/incompete assignments.

EMAIL

For specific questions, please email me at:
jjozwik@sau21.org

ABOUT MS. JOZWIK

I love being part of the Seabrook Community! I graduated from Gettysburg College in 2014 with a degree in Environmental Studies, received my post-baccalaureate teaching certificate from Plymouth State in 2021, and my masters in Learner Experience and Design Technology from Western Governors University in 2023.

Before teaching, I was an outdoor educator. I loved watching students grow individually and as community members as they navigated the challenges of backpacking, kayaking, and tall ship sailing. I decided to pursue a career in science education because I want to help students build their capacity as question-askers, information-seekers, experimenters, problem-solvers and innovators.

Outside of school, I love hiking, biking and kayaking. I also like weightlifting, cooking, and looking for new hot peppers and flower varieties to grow in my garden!

Ms. Jozwik as a 7th grader!