


Welcome to the Marvels of 8th Grade STEM, 2023-24!

 Embarking on a Journey:

Brace yourselves for a whirlwind expedition into the heart of science, technology, engineering, and mathematics! We're all set to unravel the enigmas of our extraordinary world through hands-on experiments, technological marvels, and mathematical wonders, all while mapping out potential STEM career pathways.

★ Expect the Extraordinary: Buckle up for a journey of curiosity, camaraderie, and constant growth. Embrace the ethos of wonder, respect, effort, participation, and sheer joy in everything we undertake!

★ Diverse Participation: Like the myriad constellations, your involvement is uniquely beautiful. There are countless ways to illuminate the cosmos of learning!

★ Assemble Your Toolkit: Make sure you've got your trusty gear ready – the STEM/Science Notebook, notebook paper, Chromebook, pens, pencils, a spectrum of vibrant markers, and a starlit highlighter.

 Guiding Principles for Galactic Success:

Respect Galaxy: Traverse with respect for all humans, materials, and our planet.

Language Nebula: Communicate in positive tones, fostering a celestial ambiance.

Collaboration Cosmos: Venture as allies, unearthing questions and solutions.

Orbit Oath: Abide by community agreements and stowing away devices.

Safety Starship: Don your gear when exploring the unknown and follow directives.

 Class Constellations:

Entry Task: Each day commences with a celestial spark – a warm-up enigma or task to ignite your curiosity.

Learning Target: Our guiding stars shimmer, lighting the path to cosmic enlightenment.

Labs/Investigations: Engage in hands-on quests, collecting data like cosmic gems.

Progress Tracker: Chronicle your revelations and interstellar connections in your STEM/Science Notebook.

Exit Ticket: Before venturing forth, a swift check to gauge understanding and chart the course ahead.

Grading Across the Universe:

- Your academic odyssey is reported in an A-F format.
- Stars align with state standards – guiding lights in your cosmic journey.
- State standard assessments create 85% of your grade, while daily quests contribute a luminous 15%.
- Behavior orbits independently: E-exceptional, S-satisfactory, U-unsatisfactory (casting no shadow on your final grade).

Late Work Policy: Students are responsible for turning work in on time. If you are absent for an assignment, you will be given time to make up the work. All missing/late daily work should be completed prior to the next assessment. Use your Google Calendar to keep up on work that is due or missing.



Charted Territories:

- Unit 1: Earth Odyssey: Embark on a space voyage (Earth Science).
- Unit 2: Forceful Encounters: Unleash contact forces' power (Physical Science).
- Unit 3: Harmonious Waves: Revisit sound waves' symphony (Physical Science).
- Unit 4: Invisible Bonds: Grasp forces that traverse space (Physical Science).
- Unit 5: Genetic Chronicles: Decode the genetic script (Life Science).
- Unit 6: Nature's Theater: Witness the dance of natural selection (Life Science).

Navigational Keys:

- Embrace an active, inquisitive stance – you're the cosmic navigator!
- Unveil learning galaxies in your STEM notebook and Google Classroom – they're the guides to constellation brilliance.
- Queries? Launch them like cosmic flares!
- Prioritize safety during your cosmic odyssey and revel in the celestial joy.

Stay in Touch:

- For inquiries, cosmic revelations, or guidance, reach out to Stephanie Ball:
 -  Email: sball@cashmere.wednet.edu
 -  Phone: 509-782-2001

Ready to Launch:

I am ready to embark on this cosmic learning journey. I've explored this syllabus with my parent/guardian, and we're thrilled to voyage through 8th Grade STEM.

Student _____ *Parent/Guardian* _____