



# 7th Grade Science Syllabus 2021-2022

**Mr Coogan, Ms Harden, Ms Soler, Ms McKay**

## Expectations

In this class, students are expected to...

- Maintain an organized science binder or folder
- Treat classmates and materials with care and respect
- Participate actively, ask questions, and self advocate

## Grading Breakdown

- **Assessment 40%**
  - Includes exams, quizzes, projects, labs, and presentations
- **Classwork 50%**
  - Includes classroom assignments, annotations, group work, and exit tickets
- **REACH 10%**
  - Reflected on student preparedness, class participation, class discussions, and positive behavior

## Course Description

The 7th grade will be using the Amplify Science Curriculum. This comprehensive program blends hands-on investigations, literacy-rich activities, and interactive digital tools to empower students to think, read, write, and argue like real 21st century scientists and engineers. Students will be investigating phenomena ranging from energy to the ecosystem and topics of Earth Science (weather, atmosphere and climate) in a way that we hope will increase their overall scientific literacy. Each phenomena is explored through diverse interdisciplinary contexts and therefore serve as a strong foundation for coherent scientific storylines.

## Units of Study

- The Microbiome
- Metabolism
- Phase Change
- Chemical Reactions
- Plate Motion
- Plate Motion and Engineering
- Rock Transformations
- Earth's Changing Climate

## Contact Information

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## Resources and Materials

- Students will be supplied with all necessary resources and materials for this course, such as:
  - Amplify curriculum materials
  - Newspapers, science magazines, videos, reference books, library research materials, and internet resources
  - Lab equipment & protective gear

## Late and Missing Work

If a student does not hand in an assignment, it will be recorded as a 65 until it is turned in. Students may turn in late assignments throughout a unit, but once the unit ends, late work will no longer be accepted. For example, missing work for Unit 3 may be turned in throughout Unit 3, but may not be turned in once Unit 4 has started.

## Redoing Assignments

Students may redo assignments that earn below a 75 in order to improve their grade. They must communicate with their teachers if they intend to redo an assignment. Redos must occur within two weeks of a grade being posted in Skedula. For example, if a student receives a grade on Friday, October 1, they have until Friday, October 15th to submit a redo. After the two-week window, the original grade stands.