

Science Syllabus 2026-2027

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Objectives

Students will...

- Learn about scientific process
- Learn how to use basic laboratory equipment
- Learn laboratory procedures and safety
- Learn to apply the scientific method to problems
- Learn to use reason and deductive thinking to solve problems

Curriculum

6th Grade

Earth Science

HMH Florida Science Earth Science, Copyright 2019, Houghton Mifflin Harcourt (ISBN 978-1-328-78128-4)

7th Grade

Life Science

HMH Florida Science Life Science, Copyright 2019, Houghton Mifflin Harcourt (ISBN 978-1328-78131-4)

8th Grade

HMH Florida Science Physical Science, Copyright 2019, Houghton Mifflin Harcourt (ISBN 978-1-328-78132-1)

Grading Scale

Assignment	Possible Points
Homework	5-20
Labwork	10-100
Presentations	50
Vocabulary Test	50

Bellwork	10
Quizzes	25-40
Projects and Tests	50-300

Supplies

Students must have ...

- A three ring binder and notebook paper
- *Their textbook*
- Black or blue pen, glue stick, and a pencil.
- Planner
- Book to read

Points will be taken off daily assignment if the textbook is not brought to class.

Communication

Google Classroom

Google Classroom is a collaboration tool for teachers and students. Teachers create an online classroom, invite students to the class then create and distribute assignments. Within the Google Classroom students and teachers can have conversations about the assignments and teachers can track the student's progress. This is an organizational tool for the students to see all assignments and to-do lists in one place. Parents are able to receive communication as well to see what the students are working on.

E-mail

The most effective method of communication between teacher and parents is e-mail. Parents should expect to receive a reply from the teacher within 24 hours. Students may confer directly with the teacher to resolve any questions or concerns. Students may use their school-issued email account to communicate, if there is not an opportunity in class.

PowerSchool

Parents and students are responsible for checking PowerSchool on a regular basis to monitor progress. Please bring concerns to the teacher's attention as soon as they appear. Parents and teachers will work together to promote student progress. Questions regarding access to PowerSchool should be directed to the front office.

AI Policy

Artificial intelligence can be used as a tool for learning math, but is not necessary and its use is not required in this math class. Students will always be held responsible for the accuracy of their work and solutions to problems. AI should never be used as a substitute for effort to complete work independently.

If AI is ever used, students must explain which tool was used and how/why it was used. The following are examples of acceptable uses for AI in this class:

- Step by step instructions as a review before a test
- Ask for an explanation if stuck on HW
- To understand math vocabulary
- To compare your answers while completing HW or reviewing for a test

Misuse of AI will be considered cheating. **You should never ask AI to solve a question for you and submit the work as your own.** Students will find that using AI for these purposes will leave them vastly underprepared for in class assessments. Please refer to the IB Academic Honesty policy for consequences.