

6th Grade Science Syllabus

Mr. Ramirez

Email: ramirezr@dadeschools.net

Website: <http://www.mrramirezsisib.com/>

Course Overview:

Welcome to 6th Grade Science! This year, we will explore a variety of exciting topics, including Atmospheric Science, Life Science, Physical Science, and Environmental Science. Students will engage in hands-on experiments, group projects, and interactive lessons designed to develop critical thinking and a love for science.

Key Topics:

- **Atmospheric Science:** The weather- and weather-related natural phenomena
- **Life Science:** Ecosystems, Cells, and Human Body Systems
- **Physical Science:** Forces, Motion, and Energy
- **Environmental Science:** Conservation and Human Impact on the Environment

Required Materials:

- **Half-Inch 3-Ring Binder:** To organize notes, handouts, and assignments.
- **5 Divider Tabs:** To separate sections in your binder (Notes, Homework, Labs, Quizzes, Projects).
- **Color Pencils:** For diagrams, charts, and creative assignments.
- **Glue Stick:** For pasting in notebook work and projects.
- **Safety Scissors:** For cutting out diagrams, project materials, etc.
- **Pencils & Erasers:** Bring a supply of #2 pencils for daily use.
- **Lined Paper:** For note-taking and written assignments.
- **Ruler:** For measuring and creating accurate diagrams.
- **Basic Calculator:** For calculations in various experiments.

- **Optional:** Highlighters, Sticky Notes, and a USB Drive for saving digital projects.

Classroom Expectations:

- **Be Respectful:** Listen to others, follow instructions, and treat materials and equipment with care.
- **Be Prepared:** Bring all required materials to class every day.
- **Be Inquisitive:** Ask questions, participate actively, and explore new ideas.
- **Be Responsible:** Complete assignments on time and keep your binder organized.

Grading Breakdown:

- **Homework:** 20%
- **Classwork & Participation:** 25%
- **Quizzes:** 20%
- **Projects & Labs:** 25%
- **Tests:** 10%

Science Lab Fee:

- All students are expected to pay a \$10.00 lab fee. This fee will be used to purchase consumable materials required for the labs we will be conducting this year. Parents can pay the fee online using the following link:

<https://sibptsa.givebacks.com/store/items/1062184>