



## 7th Grade Science Syllabus 2024-25

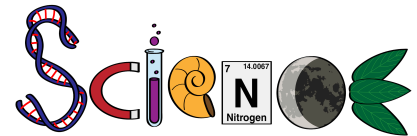
### Lewis Middle School

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**Course Description:** During 7th Grade Science, students will be exploring and applying knowledge from the disciplines of life, earth, and physical science, as well as engineering, to investigate a series of scientific phenomena. The central concept guiding the 7th-grade curriculum is that **Natural processes and human activities cause energy to flow and matter cycles through the Earth's systems.** This course meets the 7th-grade science Next Generation Science Standards (NGSS). Students will learn science through investigations, presentations, research, and self-reflection. An emphasis will be placed on critical thinking, skills, and collaboration with others to understand the basic concepts of science. Students will be participating in the Science and Engineering Practices and Crosscutting Concepts as defined by the NGSS. Students and parents are asked to have a growth mindset and expect progressive growth throughout the course.

### Course Overview/Topics:

- **Earth Science:** Plate movement and Rock transformation
- **Physical Science:** Phase Changes and Chemical Reactions
- **Life Science:** Resources Availability, Matter and Energy in Ecosystems
- **Engineering and Problem-solving**



### Learning System:

- Science Notebook
- Canvas will be the primary communication location

### Student Expectations

- Be prepared and ready at the start of the class session
- Be respectful to all peers, teachers, and tools
- Other devices (phones, video games, etc.) should be turned off and put away to focus on learning
- Participate in all activities
- Advocate for yourself (Ask for help)
- Actively participate in all discussions
- Assignments will be graded using standards-based rubrics. It is recommended to read the rubric BEFORE completing and turning in work.
- Revise work to show mastery of content. Revised assignments and late work will be accepted/graded if submitted **within 10 days** following the due date. Mutual agreement, prior to the deadline, is required for extensions.
- Students may submit **ONE revision for each assignment after reading all feedback.** Students who ignore feedback **will not** be able to resubmit. Feedback supports mastery.



Grading Scale:
A 100-85%
B 84-70%
C 69-55%
D 54-40%
F 39% and below

Grading Rubric		
4	Exceeds Standards	Applied content and skills to go beyond grade level standard
3	Meets Standards	Applied content and skills to meet the grade level standard
2	Approaching Standards	Applied some content and skills in the grade level standard
1	Beginning Progress toward Standards	Attempted to apply content and skills in the grade level standard
0	No Attempt	Did not attempt

**Citizenship:** Citizenship is earned by positively contributing to the learning community. Following directions/rules, being productive, participating in discussions, applying feedback to revisions, and respecting others and their property are essential components of a citizenship grade. Students begin with an “M” for meets expectations in PowerSchool. The citizenship grade will change based on behaviors. Behaviors for each citizenship grade are outlined in the Lewis Citizenship Rubric in the Lewis Planner page 12.

**Attendance:** Students who miss class **ARE responsible for missed assignments**. Absent students are expected to look on Canvas for daily lesson slides and any other missed work. Students are encouraged to connect with others to help when they miss class time.

**Assessment:** Grades will be based on assignments, reflections about experiments and class activities, and projects. Experiments could be simulations, teacher demonstrations or videos, and hands-on when possible. Students are expected to complete and organize assignments in their notebooks. Notebooks may be used on assessments. Students are encouraged to do ONE meaningful revision/correction per assessment for re-grading. Assessment revisions will be accepted/ graded, if submitted within 10 days after the assessment was given. This supports GROWTH MINDSET.

### **Grade and Progress Checks**

Grades can be accessed through PowerSchool or “Parent Portal.” You can use your child’s school log-in to see your child’s grades. Grades are updated every 1-2 weeks. It is recommended that you set a day of the week that you review all grades with your child.

### **Materials:**

- Bring a charged District Issued Chromebook daily
- Science Notebook and School Planner
- Lewis School will provide all necessary materials to all students, if needed.

### **Communication with the teacher**

If you have questions or concerns or want additional information to help your child, please email Ms. Provins at tprovins@sandi.net. It is the best form of communication, and I can usually get back to you within a day.



Please complete the Google Form to let me know you have reviewed the syllabus. Use the QR code, the link that was emailed to you, or by following this link: <https://forms.gle/JBQWYC5uQWe3MHj7>