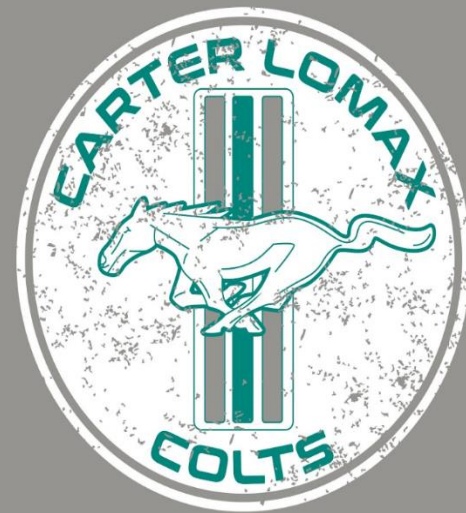


CARTER LOMAX

5TH GRADE SCIENCE SYLLABUS



OUR 5TH GRADE SCIENCE MISSION STATEMENT IS TO HELP ALL STUDENTS THINK CRITICALLY AND INDEPENDENTLY, NURTURE PERSONAL AND ACADEMIC GROWTH, FOSTER LIFE-LONG CURIOSITY & LOVE FOR SCIENCE IN EVERYDAY LIFE.

PROJECTS WE WILL STUDY

- 1st 9 Weeks** = *Light Project* – Students will investigate how light energy travels and how it interacts with different mediums.
Energize Me – Students will investigate how electricity produces mechanical, electrical, light, thermal, and sound energy.
- 2nd 9 Weeks** = *Matter Mystery*– Students will solve a crime using the properties of matter.
- 3rd 9 Weeks** = *Earth's Changes* – Students will investigate how the Earth's surface changes over time.
- 4th 9 Weeks** = *Ecosystems* – Students will discover how an ecosystem stays healthy and balanced.

POWER FOCUS AREAS AND DUE DATES

- Energy and It's Uses** (due 9/29)
 - Investigate the difference between reflection and refraction of light, and different kinds of energy
- Flow of Electricity** (due 10/25)
 - Explore the flow of electricity in a closed circuit, and its ability to produce heat, light, and sound
- Properties of Matter** (due 11/17)
 - Discover how matter can be classified based on measurable physical properties
- Changes to Earth** (due 1/6)
 - Recognize how landforms and other changes to Earth's surface are the result of wind, water, or ice
- Earth** (due 2/1)
 - Explore how sedimentary rocks, fossils, and fossil fuels are formed
- Flow of Energy in an Ecosystem** (due 2/28)
 - Classify organisms as producer, consumers, and decomposers, and understand a food web
- Ecosystems** (due 3/30)
 - Predict the effects of changes in ecosystems caused by living organisms, including humans
- Organisms** (due 4/28)
 - Explore a variety of ecosystems, and differentiate between inherited traits and learned behaviors
- Space** (due 5/17)
 - Learn how the Earth moves in the solar system, and compare the Sun, Earth, and Moon

ADDITIONAL FOCUS AREAS AND DUE DATES

- | | |
|---|---|
| <input type="checkbox"/> Safety (due 10/12) | <input type="checkbox"/> Solubility (due 11/17) |
| <input type="checkbox"/> Forces and Motion (due 1/19) | <input type="checkbox"/> Natural Resources (due 2/28) |
| <input type="checkbox"/> Water and Weather (due 4/12) | <input type="checkbox"/> Life Cycles (due 5/17) |

GRADING POLICY IN SCIENCE

- Projects **70%**
- Power Focus Areas **21%**
- Additional Focus Areas **9%**

Final percentage grade	Letter grade
90 - 100	A
80- 89	B
75-79	C
70-74	D
0 - 69	OT (<i>Off-Track</i>)

CONTACT INFORMATION

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