

SCIENCE 5TH GRADE SECOND NINE WEEKS

Family Curriculum Guide



We are learning

- Friction
- Experimental investigations
- Testing a hypothesis
- Designing a simple experiment
- Transformation of energy
- Forms of energy
- Electrical energy
- Light energy
- Reflection verses refraction verses absorption

Science Conversation Starters

- What is a variable?
- What is it important to have a control in an experiment?
- How does friction affect the movement of an object?
- What is energy?
- How is energy transformed?
- How does transformed energy move from one part of a system to another?
- How does light behave differently when it is reflected? Refracted? Absorbed?

Academic Vocabulary

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|------------------------|------------------------------|---------------------|----------------------|
| ● Conclusion | ● Experimental investigation | ● Electrical energy | ● Transparent |
| ● Friction | ● Push | ● Translucent | ● Electrical circuit |
| ● Mass | ● Force | ● Battery | ● Reflect |
| ● Independent Variable | ● Magnetism | ● Sound energy | ● Thermal energy |
| ● Control variable | ● Unequal forces | ● Opaque | ● Dependent variable |
| ● Gravity | ● Equal forces | ● Chemical energy | ● Refract |
| ● Pull | ● Absorb | ● Light energy | |
| ● Hypothesis | ● Switch | | |