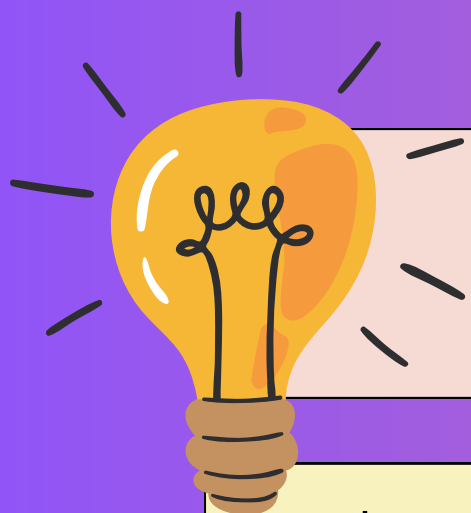


# Science Term 2

## Physics



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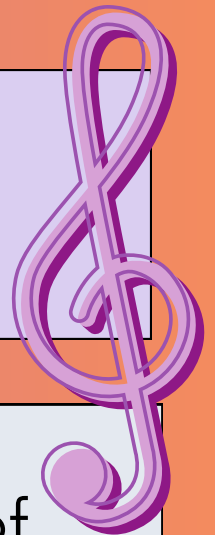
Students are exploring the science of light! They will investigate how light travels, how it reflects off surfaces, and how shadows are formed and change throughout the day. Students will conduct experiments using mirrors, torches, and different materials to understand how light behaves. They will also explore real-world applications of light, including how it helps us see and how it is used in technology. This unit develops strong scientific inquiry skills and encourages students to think critically about the world around them.



Prep

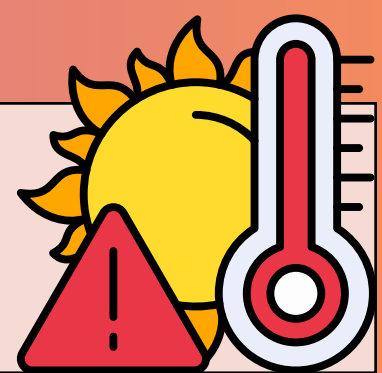
Prep students are exploring how things move! Through hands-on play and investigations, students are learning to describe different types of movement such as rolling, sliding, spinning and bouncing. They will experiment with everyday objects, make predictions, and observe how pushes and pulls affect motion. This unit encourages curiosity, language development, and early scientific thinking as students begin to understand how the world around them works.

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Students are diving into the world of sound! They are investigating how sounds are made, how they travel, and how we can change them. Through fun, practical activities, students will explore vibrations, volume (loud/soft), and pitch (high/low). They will also experiment with different materials to see how sound can be blocked or changed. This unit builds strong connections between science and everyday experiences, helping students understand how we hear and communicate.

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Students are investigating heat and how it moves! Students will explore how heat can be transferred through conduction, convection, and radiation using engaging experiments. They will observe how different materials heat up or cool down and begin to understand how heat energy affects our daily lives. Through scientific investigations, students will collect data, identify patterns, and explain their thinking using scientific language.