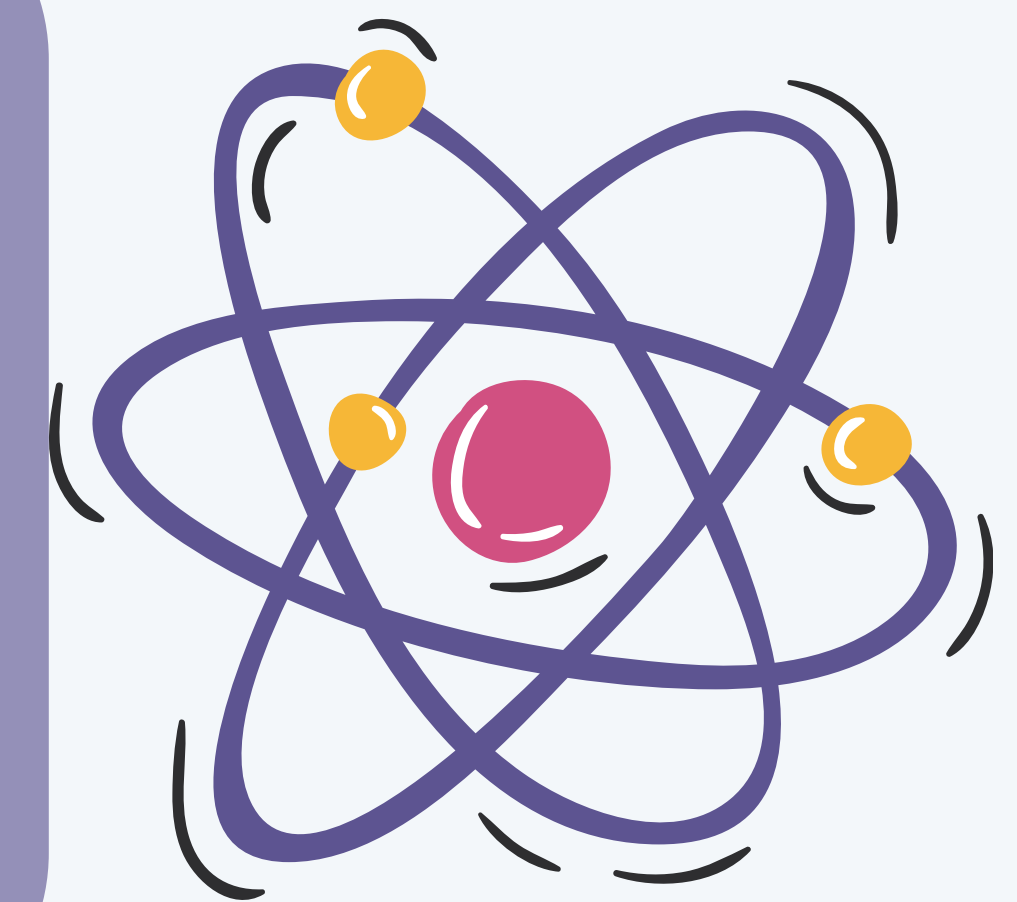


TERM 2 STEM 2024

The focus in Term 2 is Design and Technology and looking at how forces make things move.
Teacher - Paula Gaughan

WHAT IS STEM?

STEM is an approach to learning and development that combines the subjects of Science, Technology, Engineering and Mathematics. In Term 2 students will build on the skills they were introduced to as they completed the design challenges in Term 1. Students will learn more about different forces and use this knowledge in their design thinking.



PREP

Students will learn about how things move as they continue to focus on design thinking. They will explore how people and animals move and then explore how different toys move. Students will have an opportunity to make their own toy that moves.

YEARS 1 & 2

Students will explore how forces create movement. They will explore some simple machines (pulleys, inclined planes and wheels & axles) and how they help us. Students will make a pulley system for Rapunzel, so no-one pulls her hair.



YEARS 3 & 4

Students will continue to focus on design thinking and will investigate how simple machines (pulleys, levers, wheel & axle, ramps, wedges and screws) help us every day. Students will have opportunities to make their own land yacht using simple machines.

YEARS 5 & 6

Students will investigate how forces can control movement. They will investigate the different types of simple machines (pulleys, levers, wheel & axle, ramps, wedges and screws) and how they help us. Students will use simple machines to design and create a land yacht.



HOW CAN YOU HELP?

Please save and bring in cereal boxes and plastic drink bottle lids. We would love any Lego or Duplo that you are no longer using.