

SCIENCE - TERM 2

PREP - YEAR 1 - YEAR 2

This term, year P/1/2 students will study chemical sciences, however in saying that, students will not be using actual 'chemicals'. Students will explore how everyday materials (wood, metal, paper, plastic, and fabric) can be physically changed in a variety of ways according to their properties (hard, soft, light, flexible...). They will describe the actions used to physically change materials to make objects for different purposes. Applying this knowledge, students will then create a boat that can float, test their boat, and finally compare their observations with predictions.

YEAR 3 - YEAR 4

This term year 3-4 students will be learning about Earth and Space Sciences. In the unit, Spinning Earth, students will use their understanding of the movement of Earth to suggest explanations for everyday observations such as day and night, sunrise and sunset and shadows. They will identify the observable and non-observable features of Earth and compare its size with the sun and moon. They will make observations of the changes in sunlight during the day and investigate how Earth's movement causes these changes.

YEAR 5 - YEAR 6

This term Y5-6 students will be studying Earth and Space Sciences. In the unit, 'Our place in Space', students will describe the key features of our solar system including planets and stars, list the similarities and differences between planets, and explain how the temperature of a planet varies with distance from the sun. Students will learn about Aboriginal peoples and Torres Strait Islander peoples knowledge of the night sky, how scientists have made important contributions to our knowledge of space, and how space exploration has given us discoveries and inventions that we use every day.