

Science

SUBJECT DESCRIPTION:

The Science curriculum provides opportunities for students to develop an understanding of important scientific concepts and processes, the practices used to develop scientific knowledge, the contribution of science to our culture and society, and its applications in our lives. The curriculum supports students to develop the scientific knowledge, understanding and skills to make informed decisions about local, national and global issues and to participate, if they so wish, in science-related careers.

Semester 1

Students will use microscopes to investigate cells and living structures. They will explore how natural energy systems can be harnessed. Geology and the Earth's structures will be covered.

Semester 2

In this semester, students will investigate sound and light and explore the mechanism of hearing and seeing. They will be introduced to the periodic table explore the difference between chemical and physical properties. Transport systems in humans and plants will also be examined.