

English

Spoken Language

Know what information to select and what ideas to prepare for spoken presentations.

Know how to organise information and ideas effectively and persuasively.

Know how to plan effectively for different purposes and audiences and give presentations and speeches in a formal setting.

Know how to listen carefully to questions and feedback and respond appropriately.

Know how to express ideas effectively using spoken Standard English.

Maths

Geometry

Know how to calculate surface area and volume of solids.

Know how to calculate missing angle values.

Know how to construct a bisector.

Know how to use Pythagoras' theorem.

Science

Animal Coordination, Control and Homeostasis:

Know that endocrine glands produce and release hormones into the bloodstream and these hormones regulate various physiological processes and maintain balance.

Chemical Change:

Know acids in solution are sources of hydrogen ions and alkalis in solution are sources of hydroxide ions.

Know that alkalis are soluble bases.

Know that a base is any substance that reacts with an acid to form a salt and water only.

Light and the Electromagnetic Spectrum (EMS):

Know that light is part of a family of waves called the EMS.

Know that light can travel through a vacuum.

Know about some uses of waves in different parts of the EMS.

Know about some of the harmful effects of waves in different parts of the EMS.