



The Cambridge Primary Science curriculum is presented in four content areas: Scientific Enquiry, Biology, Chemistry and Physics. Scientific Enquiry is about considering ideas, evaluating evidence, planning investigative work and recording and analyzing data. The Scientific enquiry objectives underpin Biology, Chemistry and Physics, which are focused on developing confidence and interest in scientific knowledge. Environmental awareness and some history of science are also incorporated. The Cambridge Primary Science curriculum framework provides a solid foundation upon which the later stages of education can be built. This provides comprehensive learning objectives for each year group.

The Cambridge Curriculum is founded on the values of the University of Cambridge and best practice in schools. The curriculum is dedicated to developing learners who are confident, responsible, innovative and engaged. Each curriculum framework for Science is designed to engage learners in an active and creative learning journey.

For Cambridge Primary Science, the curriculum is presented in four content areas or 'strands'. These are further subdivided into 'substrands'. The four strands and substrands are:

### Scientific enquiry

- Ideas and evidence
- Plan investigative work
- Obtain and present evidence
- Consider evidence and approach

### Biology

- Plants
- Living things in their environment (from stage 2)
- Humans and animals

### Chemistry

- Material properties
- Material changes (from stage 2)
- States of matter (from stage 4)

### Physics

- Forces (forces and motion from stage 3)
- Light and dark (from stage 2)

- Electricity (from stage 2, Electricity and magnetism from stage 4)
- The Earth and beyond (from stage 2)
- Sound

### Rygaards Primary Science Curriculum

Year 1	Our Body The 5 Senses Light and Dark Materials and their Properties Growing Plants Animals and their Babies Minibeasts
Year 2	Materials Electricity Forces Plants and Animals Healthy Eating
Year 3	Teeth and Healthy Eating Materials and Their Uses Rocks and Soils Magnets and Springs Plants and How They Grow Sun and Shadow
Year 4	Habitats Electricity Solids, Liquids and Gases Magnetism Sound Skeleton and Muscles
Year 5	Earth and Beyond Plants and Lifecycles Keeping Healthy Light Gases, changing states/evaporation
Year 6	Circuits Environment Forces Habitats Micro-organisms Reversible, Irreversible Reactions