

Key Stage 1

Foundation Skills

Autumn Term 1

Biology
Animals including Humans

Identify and Compare animals
Know the basic needs of animals and their offspring.

Autumn Term 2

Biology
Weather and Seasons

Differentiate between climate and weather. To know the changes in seasons

Spring Term 1

Chemistry
Materials

Differentiate between climate and weather. To know the changes in seasons

Spring Term 2

Biology Habitats
Plants

Differentiate between climate and weather. To know the changes in seasons.

Assessment

Lower KS2

KS1 Assessment
Assess and record end of year progress grades.

Summer Term 2

Physics
Forces—Friction

Investigate how different things move on different surfaces. Identify Friction as a force.

Summer Term 1

Chemistry—Compare and classify materials

Find similarities and differences to develop classification skills.

Maths INTENT:

Autumn Term 1

Biology
Animals, nutrition and food chains- classification

Skeletons and nutrition.
Digestive system including teeth.

Autumn Term 2

Physics
Light and Sound- Biology
Eye and Ear

Sources of Light and Sound as vibration. Structure of Eyes and Ears.

Spring Term 1

Sources of Light and Sound as vibration. Structure of Eyes and Ears.

Classify rock types and develop a simple understanding of fossils as the remains of living things. Investigate changes of state.

Spring Term 2

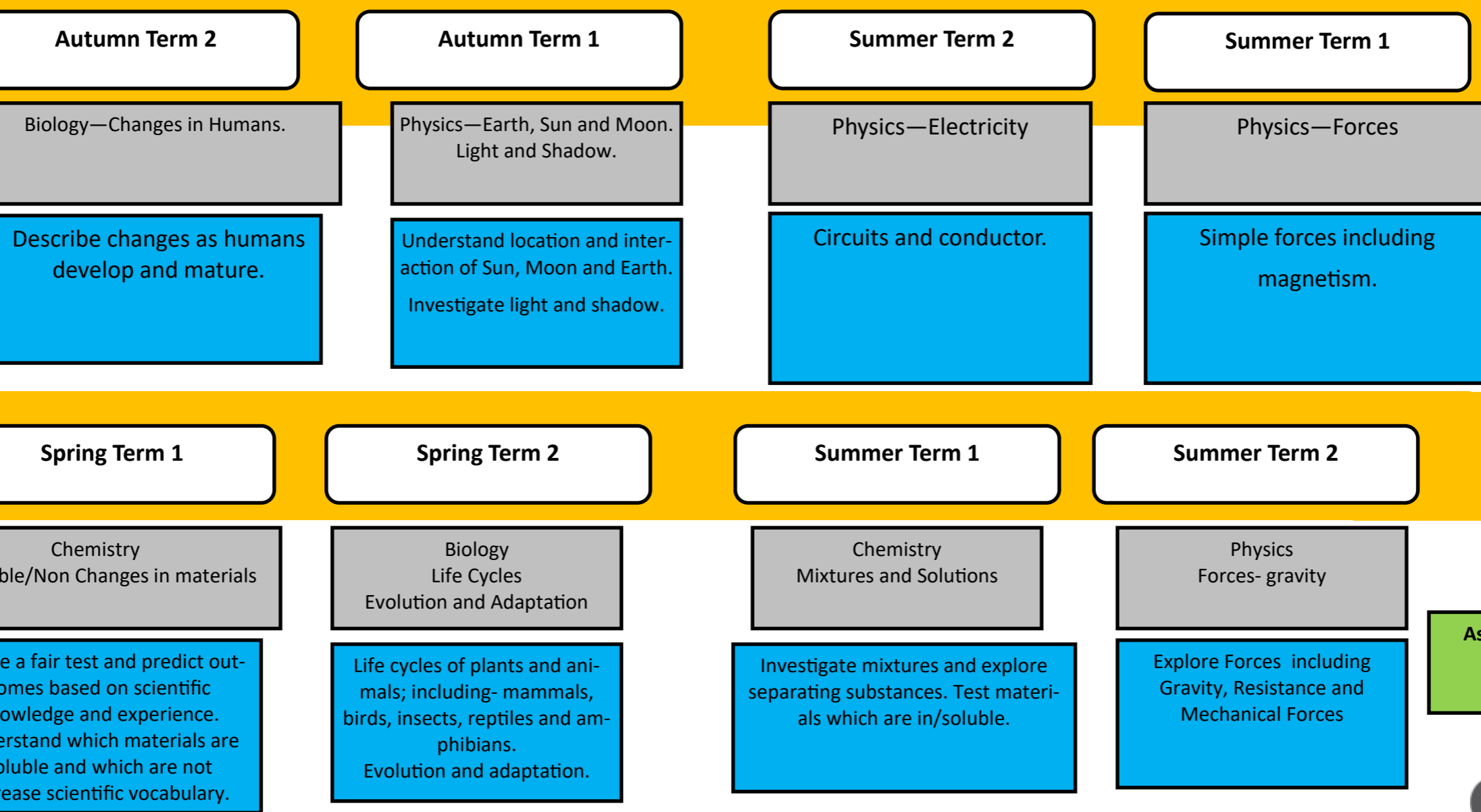
Biology
Habitats- Food Chains

Identify food chains including knowledge of producers and consumers. Investigate photosynthesis.

SMSC Document Available.

Upper
KS2

Foundation Skills



SMSC Document Available.



Assessment

The purpose of the Primary Science curriculum:

- To develop curiosity and interest in the sciences
- To have the opportunity to learn through varied systematic investigations, equipping pupils to answer scientific questions about the world around them
- To build on skills in working scientifically as well as their scientific knowledge through specific science topics and cross curricular opportunities
- To plan and develop fair and comparative tests to answer a range of scientific questions
- To create a bespoke curriculum based on individual learning need by being innovative and addressing individual requirements – Identifying individual gaps in learning, tailoring resources to meet specific needs etc.
- To create a personalised, holistic, broad, balanced and relevant learning experiences which equip and engage students with range of scientific knowledge, skills and understanding.
- To make valid and accurate assessments within all Science classes. Using a Scientific rich environment supported by multi-sensory, age and stage appropriate strategies.
- Exploiting the potential of learning experiences – Utilise virtual learning platforms, Modern Technology online platforms, Online teaching resources / Remote learning resource.
- Strengthen Science across the School