

Sticky Knowledge – Science

Class – Chestnuts

Year 3



Light

Autumn 1

- Why do we need light?
- What is dark?
- What is a reflection?
- What is a shadow?
- How can you change the size of a shadow?
- How can we protect our eyes from the sun?

Rocks and Soils

Autumn 2

- What is soil made from?
- Can you name the three types of rock?
- Can you describe how some rocks are formed?

Fossils

Spring 1

- What are fossils?
- Can you name some different types of fossils?
- How are fossils formed?

Plants

Spring 2

- What are the parts of a flowering plant?
- What job does each part do?
- What do plants need to survive?
- How do plants use water?
- Can you describe each stage of the life cycle of a flowering plant?

Animals, including humans

Summer 1

- Can you name the different groups of nutrition that humans need?
- What do we call living things if they do or don't have a skeleton?
- Can you name the 3 different kinds of skeleton?
- Why do we need a skeleton and muscles?

Forces

Summer 2

- How do things move on different surfaces?
- Can you describe how magnets affect other objects?
- Can you identify objects which are/are not magnetic?
- What do the + and - / different colours mean and how does it affect how magnets work with each other?