

Science: Unit Focus Overview



Ye	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Seasonal Changes What is it like in Winter, Spring, Summer and Autumn?	Animals, Including Humans Which of the 5 senses do you think are the most important?	Everyday Materials Which materials are suitable for an umbrella?	Plants How can we grow the tallest sunflower?	Animals, Including Humans Do all animals have the same senses as humans?	Making Connections Investigating Science Through Stories
Year 2	Animals, Including Humans Why can't we just eat chocolate?	Everyday Materials Can we change materials?	Living Things And Their Habitat Why do different animals live in different places?		Plants What happens to my seed after I have planted it?	Making Connections Plant Based Materials
Year 3	Animals, Including Humans Are all skeletons the same?	Rocks What types of rock are there?	Forces And Magnets Are all materials magnetic?	Plants What are the ideal conditions a plant needs to grow?	Light How can we change the size of a shadow?	Making Connections Does hand span affect grip strength?
Year 4	Animals, Including Humans What happens in our digestive system?	Living Things And Their Habitats Can animals be grouped in more than one way?	Electricity Does electricity still travel when there is a broken link in a circuit?	States Of Matter Can materials change from being solids, liquids and gases?	Sound How is sound made?	Making Connections How does the flow of liquid compare?
Year 5	Earth And Space Do all countries around the world have night and day at the same time?	Properties And Changes Of Materials Can all materials change state?	Living Things And Their Habitats Do all animals have the same life cycle?	Animals, Including Humans Why do humans change over time?	Forces How does air resistance affect gravity?	Making Connections Does the size of an asteroid affect the size of its impact crater?
Year 6	Living Things And Their Habitats How can we use classification to identify similarities and differences, and how do environmental factors affect living things?	Evolution And Inheritance What has evolution taught us about how animals including humans have changed and adapted to suit their environment?	Animals, Including Humans Why is it important to maintain a healthy circulatory system?	Electricity How are electrical circuits used in everyday life?	Light How do we see? How do we recognise how shadows are created? How can light change?	Making Connections Are some sunglasses safer than others?