

**Subject Science
Unit and Lesson Sequence
Year Group 4**

Introduce Living things and their habitats

	Lesson	Double-Page Spread	Cross Curricular Reading
	Strong Start- Observing closely, using simple equipment		
1	What are the characteristics of living things?		✓
2	What animals are vertebrates?		
3	What animals are invertebrates?		
4	What groups are plants classified in?		
5	What is classification? How do I use a key?		✓
6	What happens if the environment in a habitat changes?		

Introduce States of Matter

	Lesson	Double-Page Spread	Cross Curricular Reading
1	What is matter? What does 'state' mean?		✓
2	What are solids, liquids and gases?		
3	Melting: how do materials change state?		
4	Evaporating: how do materials change state?		
5	Condensing: how do materials change state?		
6	Summary: how do materials change their state of matter?	✓	

Introduce Animals, including humans

	Lesson	Double-Page Spread	Cross Curricular Reading
	Introduce Animals, including humans		
1	What teeth do humans have? What do they do?		✓
2	How does our mouth and teeth help digestion? What's the process?		
3	Can teeth tell us what animals eat?		
	Summary: how do materials change their state of animals, including humans.	✓	

Introduce Electricity

	Lesson	Double-Page Spread	Cross Curricular Reading
	What is electricity.		
1	What appliances use electricity? What sort of power makes them work?		✓
2	What are the components in a simple series circuit?		
3	What are the effects of changing circuit components and batteries?		✓
	Summarise, present and explain what you know about living things and their electricity.	✓	

Introduce Sound

	Lesson	Double-Page Spread	Cross Curricular Reading
	What is sound?		
1	What is sound? Remember particles from states of matter		✓
2	How does sound travel?		
3	What is the pitch and loudness of sound?		✓
	Summarise, present and explain what you know about living things and their sound.	✓	

Living things and their habitats

	Lesson	Double-Page Spread	Cross Curricular Reading
1	What animals are vertebrates and invertebrates?		✓
2	What groups are plants classified in?		
3	Explain it: what's a classification key and how do you use it?		
4	Summarise, present and explain what you know about living things and their habitats.	✓	