

Science
Unit and Lesson Sequence
Year 2

Introduce Living things and their habitats

	Lesson	Double-Page Spread	Cross Curricular Reading
	Strong Start- Observing closely, using simple equipment		
1	What is alive and what is not?		
2	What do all living things have in common?		
3	Where do plants and animals live?		✓
4	What plants and animals live in our local environment?		
5	What are food chains? How are they connected?		✓
6	Why do plants and animals need each other?		

Introduce Animals, including humans

	Lesson	Double-Page Spread	Cross Curricular Reading
1	REMEMBER: what is an animal?		✓
2	How do animals change as they mature?		
3	How do we change as we mature?		
4	What do all animals need to stay alive?		
5	Keeping healthy: why do we exercise?		✓
6	Keeping healthy: why do we eat different types of food?	✓	

Uses of Everyday Materials

	Lesson	Double-Page Spread	Cross Curricular Reading
1	What are materials used for? Categorise and compare wood, metal, plastic and glass.		
2	What are materials used for? Categorise and compare ceramics, rock, paper and card, and fabric.		
3	What happens when we squash, bend, twist or stretch a material?		
4	What's the right material for the job?		
5	What's the most absorbent material?		
6	Who invented waterproofing?	✓	✓

Introduce Plants

	Lesson	Double-Page Spread	Cross Curricular Reading
1	How do seeds germinate and what happens?		✓
2	What happens when bulbs sprout?		✓
3	What do plants need to thrive and be healthy?		
4	What can happen if plants don't get the things they need?		
5	What do I notice about plants around the school? How are they healthy? How are they unhealthy?		
6	Show what you know How do seeds and bulbs grow? What do plants need to be healthy?		

Revisit Living Things and their Habitats and Everyday Materials

	Lesson	Double-Page Spread	Cross Curricular Reading
1	What is it made from?		
2	Compare: what is alive, what is not alive and what has never been alive?		
3	What materials do our pets have or need? Why is that?		

Revisit Plants and Animals, including humans

	Lesson	Double-Page Spread	Cross Curricular Reading
1	How do seeds and bulbs grow?		
2	What do I know about animals, including humans?		
3	What do plants need to thrive and be healthy? What do I know about animals, including humans?		

Revisit Use of Everyday Materials

	Lesson	Double-Page Spread	Cross Curricular Reading
1	REMEMBER IT – what are everyday materials and how are they used?		
2	APPLY IT – why do you think materials should and should not be used for certain jobs?		
3	PROVE IT – what is the hardest and softest material? P199 Essential Primary Science		
	Summarise, present and explain what you know about everyday materials and how they are used.	✓	

Revisit Living Things and their Habitats

	Lesson	Double-Page Spread	Cross Curricular Reading
1	Remember - what is alive and what is not? What do all living things have in common?		
2	Remember - where do plants and animals live?		
3	Remember - what are food chains?		
	Summarise, present and explain what you know about living things and their habitats.	✓	