

Science
Unit and Lesson Sequence
Year 6

Introduce living things and their habitats

	Lesson	Double-Page Spread	Cross Curricular Reading
	Strong Start- Observing closely, using simple equipment		
1	Who was the scientist Carl Linnaeus and what did he do?		✓
2	How do we classify vertebrates?		
3	How do we classify invertebrates we know?		
4	How do we classify invertebrates we don't know?		
5	What are micro-organisms?		✓
6	How do I classify the plant kingdom?		

Light

	Lesson	Double-Page Spread	Cross Curricular Reading
1	How does light travel?		
2	What colour is light made of?		✓
3	Reflection – how does light help us to see objects?		✓
4	Which surfaces make the best reflectors?		✓
5	Why do we see objects as a particular colour?		✓
6	What happens to the appearance of objects when placed in water?		

Science Introduce Animals, including humans

	Lesson	Double-Page Spread	Cross Curricular Reading
1	What is blood made of and why do we need it?		✓
2	Why do our bodies need nutrients and how are they transported?		✓
3	What is our circulatory system?		✓
4	What is our heart like inside? How does it work?		
5	What is our heart like inside? How does it work?	✓	
6	Who influenced what we know about our circulatory system?		
7	What can we do to keep healthy?		
8	What can we do to keep healthy?	✓	
9	Present and explain what we know about the circulatory system, nutrients and keeping healthy	✓	

Science Introduce Animals, including humans – water transportation

	Lesson	Double-Page Spread	Cross Curricular Reading
1	Remember circulation and digestion: how are these two systems connected?		✓
2	Where are the kidneys and what do they do?		
3	How do kidneys keep us healthy?		
	Summarise, present and explain what you know about Animals including humans.	✓	

Introduce Electricity

	Lesson	Double-Page Spread	Cross Curricular Reading
1	What is electricity? How does it work? Do it - How do we build and represent a series circuit?		✓
2	What are the components in a series circuit? Test it - How does the number of cells and voltage affect components in a circuit?		✓
3	Diagnose it – what are the effects and consequences of changing circuit components and batteries?		✓

Introduce Evolution and inheritance

	Lesson	Double-Page Spread	Cross Curricular Reading
1	How have living things changed over time? How do we know?		✓
2	How has life evolved over time?		
3	What is DNA and what does it do? Working scientifically		
4	Are all offspring identical to their parents?		
5	Darwin and Wallace – what evidence did they share to argue the case for evolution?		
6	Survival of the fittest – how have animals adapted and evolved to suit their environment?	✓	