

Science Year 7

Learning Intentions Spring Term 1

2024-2025

	LESSON 1	LESSON 2	LESSON 3
WEEK 16 wc 6 th January	School Closure		
WEEK 17 wc 13 th January	What are fuels and how can we describe them?	What makes a good fuel?	What are energy resources and how do they work?
WEEK 18 wc 20 th January	How is energy transferred?	What factors affect temperature, how can temperature change?	How is heat transferred when there are particles and when there are no particles?
WEEK 19 wc 27 th January	What are conductors and insulators?	How do we calculate how efficient energy transfers are? What is power? How do we pay for energy?	What are the states of matter? What is particle theory?
WEEK 20 wc 3 rd February	What makes particles move?	How do we describe how fluid particles move around?	What is gas pressure and what can it do?
WEEK 21 wc 10 th February	What are elements and why do we use them?	What is the difference between metals and non-metals?	How do we know if a chemical reaction has occurred and how do we record information about them? What are compounds and how are they made?