

Science Year 9

Learning Intentions Spring Term 2

2024-2025

	LESSON 1	LESSON 2	LESSON 3
WEEK 22 wc 24 th February	What are the states of matter? What happens when substances change state?	What is purity?	How do we separate suspensions?
WEEK 23 wc 3 rd March	Revision review	PAZ paper	PAZ review
WEEK 24 wc 10 th March	How do we separate solutions?	How do we separate mixtures of liquids (chromatography)?	How do we separate mixtures of liquids (distillation)?
WEEK 25 wc 17 th March	Core practical: Simple distillation	Core Practical: Chromatography	Where does drinking water come from?
WEEK 26 wc 24 th March	How has the model of the atom changed over time?	How do we calculate the number of protons, neutrons and electrons in an atom of an element?	What happens to an atom when you change the number of neutrons?
WEEK 27 wc 31 st March	How was the periodic table developed?	How is the periodic table arranged?	Where are the electrons found in the atom, and what is their configuration?