# **Year 7 Long Term Scheme of Learning 2023-24**



### Science

Date (w/b)	Assess ment	Unit(s)
4/9/23		7P1 Forces 1.1 Introduction to Forces
11/9/23		1.2 Squashing and Stretching
		1.3 Drag and Friction
18/9/23		1.4 Forces at a Distance
		1.5 Balanced and Unbalanced Forces
		1.6 Read like a Scientist
25/9/23		7P2 Energy
		2.1 Energy Stores
2/10/23		2.2 Energy Transfers
2/10/23		2.3 Conservation of Energy
0/10/22		2.4 Quantifying Energy Transfer
9/10/23		2.5 Energy in Food
		2.6 Energy Resources
16/10/23		2.7 Read like a Scientist
		7P3 Earth in Space
30/10/23		3.1 The Night Sky
		3.2 The Solar System
		3.3 The Earth (day, night, seasons)
6/11/23		3.4 Phases of the Moon
		3.5 Moon Eclipse
		3.6 Speed and Measuring Speed
13/11/23		3.7 Distance Time Graphs
		3.8 Relative Speed
		3.9 Read like a Scientist
20/11/23		7C1 Particulate Nature of Matter
		1.1 Particle Model and States of Matter
07/11/00		1.2 Matter and its Properties
27/11/23		1.3 Changes of State
		1.4 Investigating Changes of State
4/12/22		1.5 Expansion and Contraction
4/12/23		1.6 Water
		1.7 Gas Pressure
11/12/23		1.8 Diffusion
		1.9 Read like a Scientist
		7C2 Separating Mixtures
1/1/24		2.1 Mixtures
		2.2 Dissolving
8/1/24		2.3 Filtration and Evaporation

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	2.4 Distillation
15/1/24	
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22/1/24	2.6 Read like a Scientist
22/1/24	7B1 Cells
29/1/24	1.1 Animal Cells
	1.2 Plant Cells
	1.3 Microscopes
5/2/24	1.4 Magnification
	1.5 Specialised Cells
12/2/24	1.6 Bacteria Cells
	1.7 Read like a Scientist
	7B2 Human Systems
	2.1 Levels of Organisation
26/2/24	2.2 The Skeletal System
	2.3 Muscles
	2.4 Joints
	2.5 Nutrients
4/3/24	2.6 Food Tests
	2.7 The Digestive System
	2.8 Enzymes
	2.9 Read like a Scientist
11/3/24	
,_,	7C3 Atoms and Chemical Reactions
	3.1 Elements
	3.2 The Atom
10/2/24	3.3 The Periodic Table
18/3/24	3.4 Compounds
	3.5 Chemical Formula
	3.6 Chemical Reaction Observations
	3.7 Word Equations
25/3/24	3.8 Read like a Scientist
	704 Aside and Alkalia
15/4/24	7C4 Acids and Alkalis 4.1 Acids and Alkalis
13/ 1/21	
22/4/24	4.2 Indicators 4.3 Making Indicator
	4.3 Making Indicator 4.4 Neutralisation
29/4/24	4.5 Making Salts 4.6 Read like a Scientist
	7B3 Human Reproduction
6/5/24	3.1 Adolescence
	3.2 Reproductive Systems
13/5/24	3.2 Reproductive systems 3.3 The Menstrual Cycle
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	3.4 Fertilisation

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20/5/24	3.5 Development of a Foetus
	3.6 Read like a Scientist
3/6/24	7P4 Electricity
	4.1 Series Circuits
	4.2 Parallel Circuits
10/6/24	4.3 Current
	4.4 Potential Difference
	4.5 Resistance
17/6/24	4.6 Investigating Circuits
	4.7 Mains Electricity
24/6/24	4.8 Read like a Scientist
, .,	7B4 Plants and Ecosystems
	4.1 Food Chains and Food Webs
1/7/24	4.2 Ecosystems and Adaptations
	4.3 Competition
8/7/24	4.4 Pollination
<i>-, , , -</i> .	4.5 Fertilisation
	4.6 Seed Dispersal
15/7/24	4.7 Read like a Scientist