

Year 7 Long Term Scheme of Learning 2024-25

HELSEBY

High School



Subject: Science

Date (w/b)	Assessment	Unit(s)
02/09/2024		7P1 Forces 1.1 Introduction to Forces 1.2 Squashing and Stretching 1.3 Drag and Friction 1.4 Forces at a Distance 1.5 Balanced and Unbalanced Forces 1.6 Read like a Scientist 7P2 Energy 2.1 Energy Stores 2.2 Energy Transfers 2.3 Conservation of Energy 2.4 Quantifying Energy Transfer 2.5 Energy in Food 2.6 Energy Resources 2.7 Read like a Scientist 7P3 Earth in Space 3.1 The Night Sky 3.2 The Solar System 3.3 The Earth (day, night, seasons) 3.4 Phases of the Moon 3.5 Moon Eclipse 3.6 Speed and Measuring Speed 3.7 Distance Time Graphs 3.8 Relative Speed 3.9 Read like a Scientist 7C1 Particulate Nature of Matter 1.1 Particle Model and States of Matter 1.2 Matter and its Properties 1.3 Changes of State 1.4 Investigating Changes of State 1.5 Expansion and Contraction 1.6 Water 1.7 Gas Pressure 1.8 Diffusion 1.9 Read like a Scientist 7C2 Separating Mixtures 2.1 Mixtures 2.2 Dissolving 2.3 Filtration and Evaporation
09/09/2024		
16/09/2024		
23/09/2024		
30/09/2024		
07/10/2024		
14/10/2024		
21/10/2024		
04/11/2024		
11/11/2024		
18/11/2024	AP1	
25/11/2024	AP1	
02/12/2024		
09/12/2024		
16/12/2024		
06/01/2025		

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13/01/2025		2.4 Distillation
20/01/2025		2.5 Chromatography
27/01/2025		2.6 Read like a Scientist
03/02/2025		7B1 Cells
10/02/2025		1.1 Animal Cells
		1.2 Plant Cells
		1.3 Microscopes
		1.4 Magnification
		1.5 Specialised Cells
		1.6 Bacteria Cells
		1.7 Read like a Scientist
24/02/2025		7B2 Human Systems
03/03/2025		2.1 Levels of Organisation
		2.2 The Skeletal System
		2.3 Muscles
		2.4 Joints
10/03/2025		2.5 Nutrients
		2.6 Food Tests
		2.7 The Digestive System
17/03/2025		2.8 Enzymes
		2.9 Read like a Scientist
24/03/2025		
31/03/2025		7C3 Atoms and Chemical Reactions
		3.1 Elements
21/04/2025		3.2 The Atom
		3.3 The Periodic Table
		3.4 Compounds
28/04/2025		3.5 Chemical Formula
		3.6 Chemical Reaction Observations
		3.7 Word Equations
05/05/2025		3.8 Read like a Scientist
12/05/2025	AP2	7C4 Acids and Alkalis
		4.1 Acids and Alkalis
		4.2 Indicators
19/05/2025	AP2	4.3 Making Indicator
		4.4 Neutralisation
		4.5 Making Salts
		4.6 Read like a Scientist
02/06/2025		7B3 Human Reproduction
		3.1 Adolescence

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09/06/2025		3.2 Reproductive Systems
		3.3 The Menstrual Cycle
		3.4 Fertilisation
16/06/2025		3.5 Development of a Foetus
		3.6 Read like a Scientist
23/06/2025		7P4 Electricity
		4.1 Series Circuits
30/06/2025		4.2 Parallel Circuits
		4.3 Current
		4.4 Potential Difference
07/07/2025		4.5 Resistance
		4.6 Investigating Circuits
		4.7 Mains Electricity
14/07/2025		4.8 Read like a Scientist