

Cambridge Primary Science Scheme of Work Learning Objectives	Student Book	Workbook	Journal	Digital Student Book
Unit 1A 4.1 Skeleton and muscles				
4Bh1 Know that humans (and some animals) have bony skeletons inside their bodies.	pages 3–11	pages 1–5	pages 1–5	1.1 Skeletons 1.2 Skeletons 1.3 Skeletons 1.4 The human skeleton 1.5 Do skeletons grow? 1.6 Do skeletons grow? 1.10 Other types of skeleton
4Bh2 Know how skeletons grow as humans grow and support and protect the body.	pages 12–15	pages 6–11	pages 1–5	1.4 The human skeleton 1.5 Do skeletons grow? 1.6 Do skeletons grow?
4Bh3 Know that animals with skeletons have muscles attached to the bones.	pages 23–25	pages 20–23	pages 16–20	1.8 Movement, bones and muscles 1.9 Movement, bones and muscles
4Bh4 Know how a muscle has to contract (shorten) to make a bone move. Know muscles act in pairs.	pages 20–22	pages 16–19	pages 11–15	1.8 Movement, bones and muscles 1.9 Movement, bones and muscles
4Bh5 Explain the role of drugs as medicines.	pages 16–19	pages 12–15	pages 6–10	1.7 What are medicines?
Unit 1B 4.2 Solids, liquids and gases				
4Cs1 Know that matter can be solid, liquid or gas.	pages 29–42	pages 26–41	pages 21–35	2.1 Comparing solids, liquids and gases 2.2 The particle model 2.3 Investigating liquids 2.4 Investigating gases 2.10 Changes of state
4Cs2 Investigate how materials change when they are heated and cooled.	pages 43–44	pages 42–44	pages 36–40	2.5 Melting 2.6 Freezing 2.7 Heating liquids and cooling gases 2.8 Changes of state 2.9 Changes of state

Cambridge Primary Science Scheme of Work Learning Objectives	Student Book	Workbook	Journal	Digital Student Book
4Cs3 Know that melting is when a solid turns into a liquid and is the reverse of freezing.	pages 45–46	pages 45–46	pages 36–40	2.5 Melting 2.6 Freezing 2.7 Heating liquids and cooling gases 2.8 Changes of state 2.9 Changes of state
4Cs4 Observe how water turns into steam when it is heated but on cooling the steam turns back into water.	pages 47–52	pages 47–53	pages 41–50	2.7 Heating liquids and cooling gases

Unit 2A 4.3 How magnets work

4Pm4 Explain the forces between magnets and know that magnets can attract or repel each other.	pages 56–65	pages 56–66	pages 51–60	3.2 Properties of magnets 3.3 Properties of magnets 3.4 Properties of magnets 3.6 How to use magnets 3.7 How to use magnets 3.8 Uses of magnets 3.9 Uses of magnets 3.10 Review
4Pm5 Know that magnets attract some metals, but not others.	pages 56–65	pages 56–66	pages 51–60	3.1 Properties of magnets 3.5 How to use magnets

Unit 2B 4.4 Habitats

4Be1 Investigate how different animals are found in different habitats. Know how different animals are suited to the environment in which they are found.	pages 68–76	pages 68–80	pages 61–65	4.1 Investigating local habitats 4.2 Investigating local habitats 4.3 World habitats 4.8 Environmental challenges for the Earth
4Be2 Can use simple identification keys.	pages 77–84	pages 81–91	pages 66–70	4.4 Identifying animals and plants 4.5 Identifying animals and plants
4Be3 Can recognise ways that human activity affects the environment e.g. river pollution recycling waste.	pages 85–90	pages 92–97	pages 71–75	4.6 How human activity affects the environment: local issues 4.7 Environmental challenges for the Earth 4.9 Promoting environmental awareness

Cambridge Primary Science Scheme of Work Learning Objectives	Student Book	Workbook	Journal	Digital Student Book
Unit 3A 4.5 Making circuits				
4Pm1 Can construct complete circuits using switch, cell (battery), wire and lamps.	page 93–97	pages 100–104	pages 76–80	5.1 Making circuits 5.2 Making circuits 5.3 Making circuits 5.4 Switches 5.5 Switches 5.7 Safety with electricity at home 5.8 Safety with electricity at home 5.9 Review
4Pm2 Can explore how an electrical device will not work if there is a break in the circuit.	pages 98–101	pages 105–109	pages 81–85	5.4 Switches 5.5 Switches 5.8 Safety with electricity at home
4Pm3 Know that electrical current flows and that models can describe this flow, e.g. particles travelling around a circuit.	pages 102–104	page 110–111	pages 86–90	5.6 Using models to describe circuits
Unit 3B 4.6 Sound				
4Ps1 Explore how sounds are made when objects, materials or air vibrate. Learn to measure the volume of sound in decibels with a sound level meter.	pages 110–114	pages 116–120	pages 91–95	6.1 Exploring how sounds are made 6.2 Loud and soft 6.3 Loud and soft 6.4 Sound all around 6.5 Sound all around
4Ps2 Investigate how sound travels through different materials to the ear.	pages 115–118	pages 121–124	pages 96–100	6.4 Sound all around
4Ps3 Investigate how some materials are effective in preventing sound from travelling through them.	pages 119–121	pages 125–127		6.6 How to stop sounds
4Ps4 Investigate the way pitch describes how high or low a sound is and that high and low sounds can be loud or soft. Secondary sources can be used.	pages 122–125	pages 128–130	pages 101–105	6.3 Loud and soft 6.7 Investigating pitch 6.8 Investigating pitch 6.9 Investigating pitch
4Ps5 Explore how pitch can be changed in musical instruments in a range of ways.	pages 122–125	pages 128–130	pages 101–105	6.9 Investigating pitch