

Cambridge Primary Science Scheme of Work Learning Objectives	Student Book	Workbook	Journal	Digital Student Book
Unit 1A 6.1 Human organs and systems				
6Bh2 Can identify the position of major organs in the body.	pages 4–6	pages 3–5	pages 1–6	1.2 Why do we need organs? 1.4 Body systems and organs
6Bh3 Can describe the main functions of the major organs of the body.	pages 7–19	pages 6–11	pages 7–11	1.3 Why do we need organs? 1.4 Body systems and organs 1.5 Body systems and organs 1.6 Body systems and organs 1.7 Body systems and organs 1.8 Body systems and organs
6Bh4 Can explain how the functions of the major organs are essential.	pages 4–6, 20–22	pages 3–5, 12–14	pages 1–6, 12–16	1.1 Why do we need organs? 1.3 Why do we need organs? 1.4 Body systems and organs 1.5 Body systems and organs 1.6 Body systems and organs 1.7 Body systems and organs 1.8 Body systems and organs 1.9 When organs go wrong
6Bh1 Can use scientific names for some major organs of body systems (heart, lungs, kidneys, stomach/intestines, brain).	pages 7–19	pages 6–11	pages 7–11	1.1 Why do we need organs? 1.2 Why do we need organs? 1.3 Why do we need organs? 1.4 Body systems and organs 1.5 Body systems and organs 1.6 Body systems and organs 1.7 Body systems and organs 1.8 Body systems and organs 1.9 When organs go wrong 1.10 Review

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Unit 1B 6.2 Reversible and irreversible changes				
6Cc1 Can distinguish between reversible and irreversible changes.	pages 27–34	pages 18–24	pages 17–21	2.1 Reversible and irreversible changes 2.2 Reversible and irreversible changes 2.3 Reversible and irreversible changes 2.4 Reversible and irreversible changes 2.5 Making and separating mixtures
6Cc2 Explore how solids can be mixed and how it is often possible to then separate them again.	pages 35–39	pages 25–29	pages 22–26	2.5 Making and separating mixtures 2.6 Making and separating mixtures 2.7 Making and separating mixtures
6Cc3 Observe, describe, record and begin to explain changes that occur when some solids are added to water.	pages 40–43	pages 30–32	pages 27–32	2.7 Making and separating mixtures 2.8 Dissolving 2.9 Dissolving 2.10 More about dissolving
6Cc4 Explore how when solids do not dissolve or react with the water they can be separated by filtering, which is similar to sieving.	pages 40–43	pages 30–32	pages 27–32	2.7 Making and separating mixtures
6Cc5 Explore how some solids dissolve in water to form solutions and although the solid cannot be seen, the substance is still present.	pages 40–48	pages 30–38	pages 27–32	2.8 Dissolving 2.9 Dissolving
Unit 2A 6.3 Food chains				
6Be3 Know how food chains can be used to represent feeding relationships in a habitat and present these in text and diagrams.	pages 57–61	pages 44–47	pages 39–43	3.1 Living things in their habitat 3.2 Living things in their habitat 3.4 Living things in their habitat 3.5 Food chains 3.6 Food chains 3.7 Explaining food chains 3.8 Explaining food chains 3.9 Explaining food chains 3.10 Explaining food chains
6Be4 Know that food chains begin with a plant (the producer), which uses energy from the Sun.	pages 62–67	pages 48–51	pages 44–48	3.5 Food chains 3.6 Food chains 3.7 Explaining food chains 3.8 Explaining food chains

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6Be5 Know and understand the terms 'producer', 'consumer', 'predator' and 'prey'.	pages 62–67	pages 48–51	pages 44–48	3.10 Explaining food chains
6Be6 Children have explored and can construct food chains in a particular habitat.	pages 57–67	pages 44–51	pages 39–48	3.6 Food chains 3.8 Explaining food chains

Unit 2B 6.4 Electrical conductors and insulators

6Pm1 Investigate how some materials are better conductors of electricity than others.	pages 77–79	pages 57–58	pages 55–59	4.4 Investigating conductors and insulators 4.5 Uses of conductors and insulators 4.6 Uses of conductors and insulators 4.7 Uses of conductors and insulators 4.8 Uses of conductors and insulators 4.10 Review
6Pm2 Investigate how some metals are good conductors of electricity and that most other materials are not.	pages 77–79	pages 57–58	pages 55–59	4.4 Investigating conductors and insulators 4.5 Uses of conductors and insulators 4.7 Uses of conductors and insulators
6Pm3 Know why metals are used for cables and wires and why plastics are used to cover wires and as covers for plugs and switches.	pages 80–85	pages 59–61	pages 55–59	4.5 Uses of conductors and insulators 4.7 Uses of conductors and insulators 4.10 Review
6Pm4 Can predict and test the effects of making changes to circuits, including length or thickness of wire and the number and type of components.	pages 86–89	pages 62–65	pages 60–64	4.3 Investigating conductors and insulators 4.9 Investigating circuits
6Pm5 Can represent series circuits with drawings and conventional symbols.	pages 72–76	pages 55–56	pages 49–54	4.1 Circuit diagrams 4.2 Circuit diagrams

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Unit 3A 6.5 Caring for the environment				
6Be1 Explore how humans have positive and negative effects on the environment, e.g. loss of species, protection of habitats.	pages 94–103	pages 69–75	pages 65–74	5.1 Spaceship Earth – the atmosphere 5.2 Spaceship Earth – the atmosphere 5.3 Spaceship Earth – the atmosphere 5.4 Spaceship Earth – habitats and buildings 5.5 Spaceship Earth – habitats and buildings 5.6 Spaceship Earth – save energy and recycle 5.8 Spaceship Earth – save energy and recycle 5.9 Spaceship Earth – taking care of my local environment
6Be2 Explore a number of ways of caring for the environment, e.g. recycling, reducing waste, reducing energy consumption, not littering, encouraging others to care for the environment.	pages 104–113	pages 76–87	pages 75–84	5.5 Spaceship Earth – habitats and buildings 5.6 Spaceship Earth – save energy and recycle 5.7 Spaceship Earth – save energy and recycle 5.8 Spaceship Earth – save energy and recycle 5.9 Spaceship Earth – taking care of my local environment
Unit 3B 5.6 Mass and weight				
6Pf1 Can distinguish between mass measured in kilograms (kg) and weight in newtons, noting that kilograms are used in everyday life.	pages 118–122	pages 91–95	pages 85–89	6.1 Mass and weight 6.3 Mass and weight 6.4 Mass and weight 6.5 Mass and weight
6Pf2 Can recognise and use units of force, mass and weight and identify the direction in which forces act.	pages 118–128	pages 91–98	pages 85–94	6.2 Mass and weight 6.6 Forces and force diagrams 6.7 Forces and force diagrams 6.8 Forces and force diagrams

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6Pf3 Know and understand the notion of energy in movement.	pages 123–128	pages 96–98	pages 90–94	6.8 Forces and force diagrams
6Pf4 Can recognise friction (including air resistance) as a force which can affect the speed at which objects move and which sometimes stop things moving.	pages 129–134	pages 99–106	pages 95–99	6.9 Friction 6.10 Friction