

Cambridge Primary Science Scheme of Work Learning Objectives	Student Book	Workbook	Journal	Digital Student Book
Unit 1A 3.1 Life processes				
Introducing forces				
3Bh6 Can sort living things into groups, using simple features and describe rationale for groupings.	pages 3–4, 7–9	pages 1–3, 5–6	pages 1–5	1.5 Comparing living things
3Bh2 Can describe differences between living and non-living things using knowledge of life processes.	pages 5–6	page 4	pages 1–5	1.3 Living things and non-living things 1.4 Living things and non-living things 1.7 Living things can grow and reproduce 1.8 Living things feed and breathe 6.1 Why do we need food and water? 6.2 Why do we need food and water? 6.3 Why do we need food and water? 6.4 Balanced diet 6.5 Balanced diet 6.6 Balanced diet 6.7 Balanced diet 6.10 The need for exercise
3Bh1 Know life processes common to humans and animals include nutrition (water and food), movement, growth and reproduction.	pages 10–16	pages 7–12	pages 6–10	1.4 Living things and non-living things 1.5 Comparing living things 1.7 Living things can grow and reproduce 1.8 Living things feed and breathe 1.9 What animals need to stay alive
3Bp4 Know that plants need healthy roots, leaves and stems to grow well.	pages 17–18	pages 13–16	pages 6–10	

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Unit 1B 3.2 Materials				
Materials				
3Cp1 Know that every material has specific properties (e.g. hard, soft, shiny).	pages 21–25	pages 19–25	pages 11–15	2.1 Properties of materials 2.2 Properties of materials 2.3 Investigating the properties of materials 2.4 Investigating the properties of materials 2.8 Sorting materials 2.9 Investigating the best material for the job
3Cp3 Explore how some materials are magnetic, but many are not.	pages 26–29	pages 26–29	pages 16–20	2.6 Common metals 2.7 Common metals
3Cp4 Discuss why materials are chosen for specific purposes on the basis of their properties.	pages 32–35	pages 31–35	pages 20–25	2.5 Common metals 2.9 Investigating the best material for the job
3Cp2 Can sort materials according to properties.	pages 30–31	page 30	pages 20–25	2.8 Sorting materials
Unit 2A 3.3 Flowering plants				
Flowering plants				
3Bp1 Know that plants have roots, leaves, stems and flowers.	pages 38–40	pages 38–39	pages 26–30	1.10 What plants need to grow well 3.1 Parts of a plant 3.2 Parts of a plant 3.4 Roots 3.5 Stems

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3Bp2 Explain observations that plants need water and light to grow.	pages 49–52	pages 48–53	pages 31–35	1.2 Living things can sense their surroundings 3.3 Parts of a plant 3.4 Roots 3.5 Stems 3.6 Importance of light and water 3.7 Importance of light and water 3.8 Importance of light and water 3.10 The effect of temperature on plants
3Bp3 Know that water is taken in through the roots and transported through the stem.	pages 41–48	pages 40–47	pages 31–35	1.10 What plants need to grow well 3.4 Roots 3.5 Stems
3Bp4 Know that plants need healthy roots, leaves and stems to grow well.	pages 49–52	pages 48–53	pages 31–35	3.6 Importance of light and water 3.7 Importance of light and water 3.8 Importance of light and water 3.10 The effect of temperature on plants
3Bp5 Know that that plant growth is affected by temperature.	pages 53–56	pages 54–59	pages 36–40	1.2 Living things can sense their surroundings 3.9 The effect of temperature on plants 3.10 The effect of temperature on plants

Unit 2B 3.4 Introducing forces

Introducing forces

3Pfl Know that pushes and pulls are examples of forces. Know that forces can be measured with forcemeters.	pages 59–63	pages 61–65	pages 41–46	4.1 Different types of force 4.2 Different types of force 4.3 Different types of force 4.5 Measuring forces 4.6 Measuring forces 4.10 Review
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3Pf3 Explore how forces can change the shape of objects.	pages 64–66	pages 66–67	pages 41–46	4.2 Different types of force 4.3 Different types of force 4.4 Different types of force 4.10 Review
3Pf2 Explore how forces can make objects start or stop moving.	pages 67–73	pages 68–74	pages 47–51	4.7 Forces cause objects to start or stop moving 4.8 Forces cause objects to start or stop moving 4.9 How friction is used 4.10 Review
3Pf4 Explore how forces including friction can make objects move faster or slower or change direction.	pages 74–77	pages 75–78	pages 47–51	4.8 Forces cause objects to start or stop moving 4.9 How friction is used 4.10 Review

Unit 3A 3.5 The senses

The senses

3Bh5 Explore human senses and the ways we use them to learn about our world: touch, taste, smell, sight, hearing	pages 80–100	pages 81–106	pages 52–76	1.1 Living things can sense their surroundings 5.1 Touch 5.2 Touch 5.3 Taste and food 5.4 Taste and food 5.5 Smell 5.6 Smell 5.7 Sight 5.8 Sight 5.9 Sight 5.10 Review
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Unit 3B 3.6 Keeping healthy				
Keeping healthy				
3Bh1 Know life processes common to humans and animals include nutrition (water and food), movement, growth and reproduction.	pages 103–108	pages 109–112	pages 77–81	6.1 Why do we need food and water? 6.2 Why do we need food and water? 6.3 Why do we need food and water? 6.4 Balanced diet 6.5 Balanced diet 6.6 Balanced diet 6.7 Balanced diet 6.10 The need for exercise
3Bh3 Explore and research exercise and the adequate, varied diet needed to keep healthy.	pages 109–120	pages 113–122	pages 82–92	5.4 Taste and food 6.1 Why do we need food and water? 6.2 Why do we need food and water? 6.3 Why do we need food and water? 6.4 Balanced diet 6.5 Balanced diet 6.6 Balanced diet 6.7 Balanced diet 6.8 Healthy teeth 6.9 Healthy teeth 6.10 The need for exercise

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3Bh4 Know that some foods can be damaging to health e.g. very sweet and fatty foods.	pages 109–113	pages 113–115	pages 82–86	5.3 Taste and food 5.4 Taste and food 6.3 Why do we need food and water? 6.4 Balanced diet 6.5 Balanced diet 6.6 Balanced diet 6.7 Balanced diet 6.8 Healthy teeth 6.9 Healthy teeth