SAMPEL PERCUMA

DLP Science Year 4: Latihan & Nota

Set penuh: DLP Science Year 4–6

Year 4

Sampel ini: 8 muka surat. Set penuh ada:

- 3 fail PDF
- Full-year DLP Science notes for the chosen year
- Science practice pages with answer key
- 30-day study plan, marker’s guide and answer frames

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KSSR 2026 EDITION · DLP · YEAR 4

SCIENCE PRACTICE YEAR 4

KSSR 2026 — Science & Science Process Skills

✓ 30 Practice Pages + Answer Key

✓ Chapter 1: Plants · Chapter 2: Animals

✓ Chapter 3: Matter — Properties & Changes

✓ Chapter 4: Force & Energy · Chapter 5: Earth, Moon & Sun

✓ Full Answer Key at the Back

English edition for DLP pupils (Dual Language Programme) · for Year 4 pupils, parents & teachers · print as many times as you like

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Science process skills to master:

Skill	Meaning
Observing	Using the senses to get information
Classifying	Grouping things by common characteristics
Measuring	Getting data using measuring tools
Making inferences	Making an early conclusion based on observation
Predicting	Estimating what will happen
Making a hypothesis	Making a statement that can be tested

CHAPTER 1: PLANTS — NEEDS & PARTS

Exercise 1A: Parts of a Plant

Label the parts of the plant using the words in the box.

Box: root | stem | leaf | flower | fruit | seed

Plant diagram (label parts 1–6):

1 _____	4 _____
2 _____	5 _____
3 _____	6 _____

Exercise 1B: Functions of Plant Parts

Match each plant part with its function.

Part	Function
Root	
Stem	
Leaf	
Flower	
Fruit	

Answers: a. makes food through photosynthesis | b. place where fertilisation happens and the fruit forms | c. carries water and minerals | d. absorbs water and minerals from the soil | e. protects the seeds

CHAPTER 2: ANIMALS — ADAPTATION & LIFE CYCLES

Exercise 2A: Classifying Animals

Classify the animals below: Mammal / Bird / Reptile / Amphibian / Fish / Insect.

Animal	Group
Tiger	
Frog	
Eagle	
Catfish	
Crocodile	
Butterfly	
Whale	
Salamander	

Exercise 2B: Characteristics of Animals

Fill in the table of animal characteristics by group.

Group	Body covering	How it breathes	How it reproduces
Mammal		lungs	gives birth
Bird	feathers		
Reptile			lays eggs
Fish	scales		

CHAPTER 3: MATTER — PROPERTIES & CHANGES OF MATERIALS

Exercise 3A: The Three States of Matter

Fill in the table based on the properties of solids, liquids and gases.

Property	Solid	Liquid	Gas
Shape	fixed		
Volume		fixed	
Compressibility	cannot be compressed		
Examples			

Exercise 3B: Classify the Materials

Classify the materials into solid, liquid or gas.

Materials: stone | oil | oxygen | ice | carbon dioxide | milk | iron | water vapour

Solid	Liquid	Gas

CHAPTER 4: FORCE & ENERGY

Exercise 4A: Types of Force

Match each type of force with the correct example.

Type of force	Example
Gravitational force	
Friction	
Magnetic force	
Buoyant force	
Muscular force	

Choices: a. A ball falls down when it is let go | b. An iron object is pulled by a magnet | c. A boat floats on water | d. A person lifts a heavy bag | e. A car tyre slows down when the brake is pressed

Exercise 4B: Effects of a Force

State the effect of the force on each object.

1. A ball moves forward when it is kicked. → _____
2. Plasticine is pressed with the hand. → _____
3. A car slows down when the brake is pressed. → _____
4. Sand blown by the wind moves to another place. → _____

CHAPTER 5: EARTH, MOON & SUN

Exercise 5A: The Solar System

Fill in the blanks about the planets in the Solar System.

Planet	Position from the Sun	Special feature
Mercury	first	smallest and hottest planet
Venus	second	
Earth		the only planet with life
Mars		known as the "red planet"
Jupiter		the biggest planet in the Solar System
Saturn	sixth	

Exercise 5B: Movements of the Earth

Complete the statements correctly.

1. The Earth spins on its own axis in _____ hours. (This is called rotation.)
2. The Earth moves around the Sun in _____ days. (This is called revolution.)
3. The Earth's rotation causes _____ and _____.
4. The Earth's revolution causes _____.

ANSWER KEY — Chapter 1 to Chapter 3

Exercise 1B — Functions of Plant Parts

Root = d; Stem = c; Leaf = a; Flower = b; Fruit = e

Exercise 1C — Photosynthesis

Raw materials: water + carbon dioxide + sunlight (+ chlorophyll)
Products: glucose + oxygen

Exercise 1D — Types of Plants

Hibiscus = flowering; Fern = non-flowering; Dodder = parasitic; Paddy = flowering; Moss = non-flowering; Rafflesia = parasitic

Exercise 1E — Seed Dispersal

Wind = dandelion; Water = coconut; Animals = banana; Explosive = rubber

Exercise 1G — Photosynthesis Multiple Choice

1-B 2-C 3-D 4-B 5-A

Exercise 2A — Classifying Animals

Tiger = Mammal; Frog = Amphibian; Eagle = Bird; Catfish = Fish; Crocodile = Reptile; Butterfly = Insect; Whale = Mammal; Salamander = Amphibian

Exercise 2C — Animal Adaptations

Camel = b; Fish = a; Owl = c; Frog = d; Bat = e

Exercise 3C — Changes in the State of Matter

Solid → Liquid: melting; Liquid → Solid: freezing; Liquid → Gas: evaporation (boiling); Gas → Liquid: condensation

Exercise 3D — Physical / Chemical Changes

Ice melts = PC; Paper burns = CC; Sugar dissolves = PC; Iron rusts = CC; Water boils = PC; Bread grows mould = CC

TAMAT SAMPEL

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