SAMPEL PERCUMA

# DLP Science Practice Year 5

## Set penuh: DLP Science Year 4–6

Year 5

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- 3 fail PDF
- Full-year DLP Science notes for the chosen year
- Science practice pages with answer key
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KSSR 2026 EDITION · DLP · YEAR 5

# SCIENCE PRACTICE YEAR 5

## KSSR 2026 — English edition for DLP

✓ Complete topics — 5 main Year 5 Science chapters

✓ 20 practice sheets with many types of questions

✓ Full answer key at the back

✓ For practice at home and in class

✓ English (DLP) | 2026 edition

Name: _____ Class: _____ Date: _____

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Note for parents & teachers: This practice book covers all the main Year 5 Science topics in the current KSSR syllabus, in English for DLP pupils. Questions go from easy to hard so pupils understand each idea step by step.

## CHAPTER 1: LIVING THINGS

Key idea: Living things are all organisms that carry out the basic life processes: nutrition, respiration, growth, reproduction, excretion, response to stimuli and transport.

### A. Fill in the blanks with the correct answers.

1. The process in which an organism removes waste from its body is called _____.
2. Plants make their own food through the process of _____.
3. Animals get energy by eating _____ or _____.
4. The process of producing new young from an organism is called _____.
5. Two types of respiration in organisms are _____ respiration and _____ respiration.

### B. Tick (✓) the correct statements and cross (✗) the wrong ones.

| | |
|---|---|
| ( ) | All living things can move from one place to another. |
| ( ) | Plants are an example of living things. |
| ( ) | A virus is classified as a complete living organism. |
| ( ) | Respiration releases energy from food inside the cells. |
| ( ) | Growth happens only in humans. |

## CHAPTER 2: FORCE AND ENERGY — Continued

### C. Choose the best answer.

1. Which of these is an effect of a force on an object?
   A. The object changes colour B. The object changes shape or direction C. The object changes smell D. The object changes type
2. Solar energy comes from...
   A. Batteries B. Wind C. The Sun D. Water
3. A stone placed on a table has...
   A. Kinetic energy B. Gravitational potential energy C. Heat energy D. Electrical energy
4. Friction between a car tyre and the road produces...
   A. Light energy B. Sound energy C. Heat energy D. Chemical energy
5. A magnetic force can attract materials made of...
   A. Wood B. Plastic C. Iron and steel D. Rubber

### D. Answer the questions.

1. A pupil pushes a heavy box across the floor. State TWO types of force involved.

2. How can friction be useful in daily life? Give one example.

3. Explain the energy changes when a ball is kicked upwards and then falls back down.

## CHAPTER 3: MATTER — Changes of State

### C. Name the processes of change in the state of matter.

SOLID → _____ → (heat) LIQUID → _____ → (heat) GAS

SOLID ← _____ ← (cool) LIQUID ← _____ ← (cool) GAS

### D. Choose the correct answer.

1. The process in which a liquid turns into a solid when cooled is called...
   A. Melting B. Freezing C. Evaporation D. Condensation
2. Ice cream melts when it is taken out of the fridge because...
   A. it gains heat from the surroundings B. it reacts with the air
   C. it loses oxygen D. it turns into a gas
3. Steam from boiling water turning into water droplets on a mirror is an example of...
   A. Evaporation B. Melting C. Condensation D. Sublimation
4. Which of these is an example of sublimation?
   A. Boiling water B. Melting ice C. A mothball getting smaller D. Clouds forming

## CHAPTER 4: EARTH AND THE UNIVERSE — Day & Night

### C. Diagram of the Earth and the Sun. Label the day side and the night side.

Sun ☀ →→→ (draw the Earth here: shade the side away from the Sun)

*Label the dark side and the bright side of the Earth above:* _____
*(day)* _____ *(night)*

### D. Choose the correct answer.

1. Why does Malaysia not have four seasons like countries in Europe?
   A. Malaysia is too small B. Malaysia is near the equator
   C. Malaysia has no mountains D. Malaysia is too hot

2. A lunar eclipse happens when...
   A. the Moon blocks sunlight from reaching the Earth
   B. the Earth is between the Sun and the Moon
   C. the Moon is between the Sun and the Earth
   D. the Sun is between the Earth and the Moon

3. The star nearest to the Earth is...
   A. the Moon B. the Sun C. the North Star D. Venus

4. Ocean tides are caused by...
   A. strong winds B. the Moon's gravitational pull C. the Earth's movement D. sunlight

## CHAPTER 5: TECHNOLOGY AND SUSTAINABILITY

Key idea: Technology is the use of science knowledge to solve problems. Sustainability means meeting today's needs without harming the ability of future generations to meet their needs.

### A. Fill in the blanks.

1. The three Rs of sustainable living are _____, _____ and _____.
2. Global warming is caused by an increase of _____ gas in the atmosphere.
3. We can use less plastic by replacing it with _____.
4. Renewable energy means energy that is _____ in nature.
5. A project to plant trees back in a forest is called _____.

### B. Sort each item: Recyclable (R) or Not Recyclable (NR).

| | |
|---|---|
| Aluminium can ( ) | Thrown-away food waste ( ) |
| Paper ( ) | Plastic straw ( ) |
| Glass bottle ( ) | Used battery ( ) |
| Iron ( ) | Dangerous chemical waste ( ) |

# ANSWER KEY

Note: This answer key is a guide. For essay and HOTS questions, answers that are close or contain the correct main ideas are also accepted.

## CHAPTER 1: LIVING THINGS

### A. Fill in the blanks:

1. Excretion 2. Photosynthesis 3. Plants or other animals 4. Reproduction 5. Aerobic and anaerobic

### B. True / False:

1. ✗ (Plants do not move about freely) 2. ✓ 3. ✗ (A virus is not a complete living organism) 4. ✓ 5. ✗ (Growth happens in all living things)

### C. Matching:

1. Tiger → Carnivore 2. Mango tree → Photosynthesis 3. Rabbit → Herbivore 4. Human → Omnivore

### E. Butterfly life cycle:

Egg → larva (caterpillar) → pupa → adult butterfly

### F. Choose the answer (p. 5):

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

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