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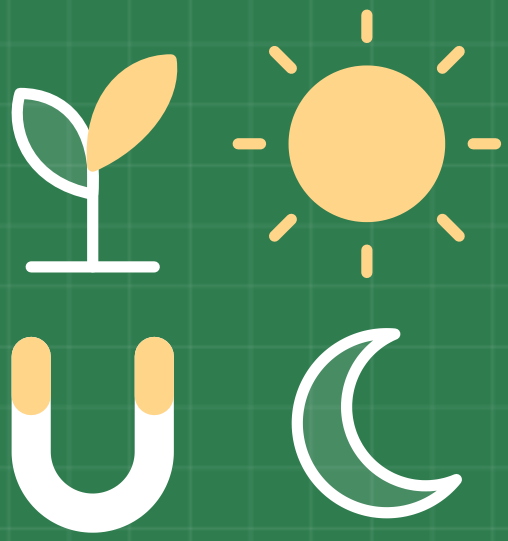
Class II Science Term II

Parent lesson cards for every unit of Term II, with a 50-question term-end practice paper and explained answers

3 units · 36 lesson cards

Practice paper



Unit 4 Staying alive: our body

Unit 4 Staying alive: life cycles, food chains and fossils

Unit 6 The Earth and the Moon

Unit 4 Staying alive: animal groups

Unit 5 Forces and magnets

Dr Kadambini Rout
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For parents of Class II children
Follows the school's Class II syllabus order

FREE SAMPLE · not for resale

The Solar System

1. What was taught *for the parent · read in 1 minute*

The **Solar System** is the **Sun** and everything that goes round it: **eight planets**, their moons, and smaller rocks. In order from the Sun, the planets are: **Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune**. A helpful sentence: "**M**y **V**ery **E**asy **M**ethod **J**ust **S**peeds **U**p **N**aming."

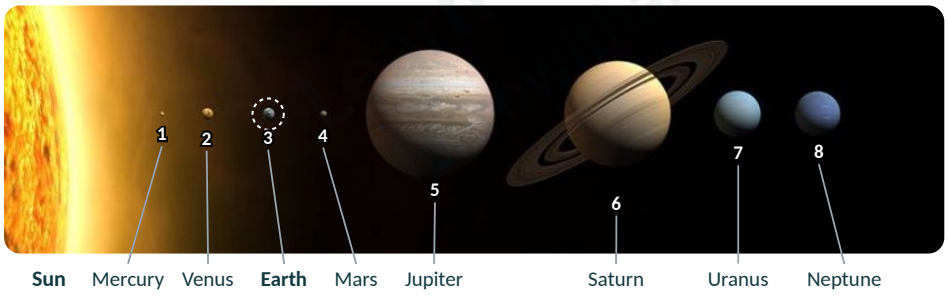
Earth is the **third** planet. **Jupiter** is the biggest planet; **Saturn** has beautiful rings; **Mercury** is closest to the Sun; **Mars** is the "red planet". Each planet moves round the Sun on its own path, called an **orbit**. Planets do not make their own light; they shine because sunlight falls on them.

2. Talk about it *parent and child · 5 minutes*

1. **What is at the centre of the Solar System?**
   Listen for: the Sun
2. **How many planets are there?**
   Listen for: eight
3. **Which planet is our home? What number is it from the Sun?**
   Listen for: Earth, the third
4. **Which is the biggest planet?**
   Listen for: Jupiter

3. Concept note *for the child*

The **Sun** and **8 planets** make the Solar System. Earth is **number 3**.



Planet sizes and distances are not to scale.

Step by step

1. **Put the Sun** at one end (or in the middle, with the planets in circles round it).
2. **Say the sentence**: My Very Easy Method Just Speeds Up Naming.
3. **Match each word** to a planet: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.
4. **Point to Earth**: third from the Sun.
5. **Remember one fact** for a few planets: Jupiter biggest, Saturn rings, Mars red.

Solar System	the Sun and everything that goes round it
Planet	a big, round body that goes round the Sun
Orbit	the path round the Sun (or round a planet)

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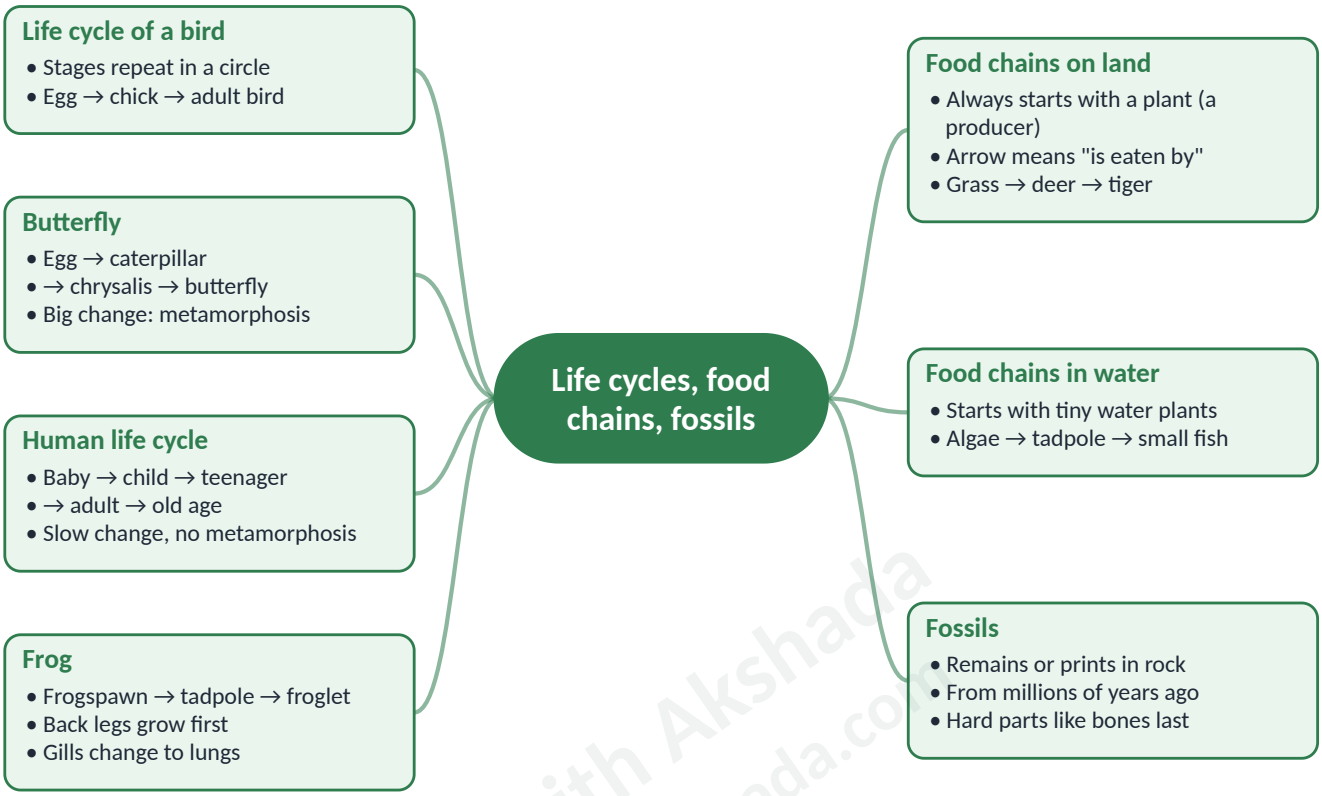
Mind map: Life cycles, food chains, fossils



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Learning points *tick each one your child can do on their own*

- ☐ **I can explain that a life cycle goes round and round.**
  Parent: Ask them to draw a bird's life cycle as a circle.
- ☐ **I can put the four stages of a butterfly's life in order.**
  Parent: Look for caterpillars on lemon or curry-leaf plants.
- ☐ **I can name the stages of a human life cycle.**
  Parent: Ask which stage each family member is in.
- ☐ **I can describe how a tadpole changes into a frog.**
  Parent: Ask which legs grow first.
- ☐ **I can make a food chain that starts with a plant.**
  Parent: Check that their arrows point to the eater.
- ☐ **I can make a food chain from a pond or the sea.**
  Parent: Ask what starts a water food chain.
- ☐ **I can say what a fossil is and how it forms.**
  Parent: Press a shell into clay to make a print.

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Section C · Difficult

25 questions · thinking, combining ideas, spotting mistakes

26. Make a food chain with these four: snake, grass, frog, grasshopper. Then name the herbivore in your chain. Unit 4

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27. Why are the Sun, the Earth and the Moon all round like a ball, and not flat like a plate? Unit 6

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28. Ankit tests four things with a magnet. Which result shows that **not all metals** are magnetic? Unit 5

(a) An iron nail sticks.
(b) Aluminium foil does not stick.
(c) A plastic ruler does not stick.
(d) A paper clip sticks.

29. A penguin cannot fly. Ravi says, "So a penguin is not a bird." Is Ravi right? Explain. Unit 4

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30. Neha writes the frog's life cycle like this: Unit 4
frogspawn → tadpole → tadpole with **front** legs → froglet → adult frog.
Find her mistake and correct it. Then say how the tadpole's breathing changes by the time it is a frog.

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31. Tara says, "The Moon is a small star because it shines at night." What is the correct idea? Unit 6

(a) The Moon is a ball of rock that shines because sunlight bounces off it.
(b) Tara is right; the Moon is a small star.
(c) The Moon is a ball of hot gas that makes its own light.
(d) The Moon gets its light from the Earth's lamps.

32. Meena catches a ruler that her brother drops. Put these steps in the correct order: Unit 4
(a) The brain decides, "Catch it!"
(b) Her eyes see the ruler falling.
(c) Her hand closes on the ruler.
(d) Nerves carry the order down the spinal cord to the hand muscles.
(e) Nerves carry the message from the eyes to the brain.
Which body system carried the messages and gave the order?

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33. An animal has dry, scaly skin, breathes with lungs and lays eggs with leathery shells on land. Which animal could it be? Unit 4

(a) rohu
(b) frog
(c) turtle
(d) parrot

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THANK YOU FOR TRYING THE SAMPLE

What is in the full book

You have just seen 3 of its 112 pages. The full Class II Science · Term II book has:

- **3 units, 36 lesson cards**
  Staying alive (our body, animal groups, life cycles and food chains), forces and magnets, and the Earth and the Moon.
- **5 parts on every card**
  What was taught · Talk about it · Concept note · Practise · If stuck, and revision.
- **A revision page per unit**
  A mind map and "I can" learning points with a tip for the parent.
- **Unit summary and answers**
  Common mistakes, a short unit check, and every answer at the end of the unit.
- **Term-end practice paper**
  50 questions (10 easy, 15 moderate, 25 difficult) with explained answers and a score sheet that shows which units need another look.

Fifteen calm minutes a day

Read part 1 yourself, talk about it at dinner, and do the five questions together the next day.
Every example and question is original and follows the Class II syllabus order.
It is not official school or Cambridge material.

Get the full book at learnwithakshada.com

Class 2 · Science · Term II study materials

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