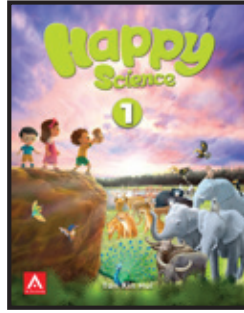


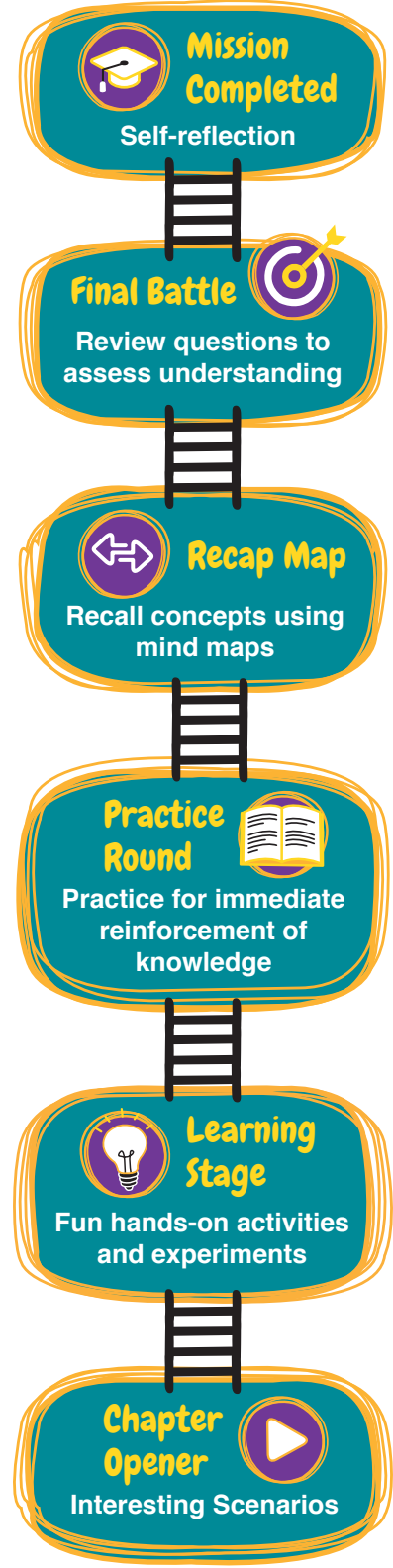
Happy Science

GRADE 1-5



Resources for Teachers

- Schemes of Work
- Lesson Plans
- Chapter Test Papers
- Term Exam Papers
- Printables



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- 1 Inquiry-based Learning**
 - Fascinating scenarios with intriguing questions to engage the pupils
 - Opportunities for the pupils to ask questions based on their observations
- 2 Fun and Exciting Learning Experience**
 - Pupils become part of the learning journey as they are guided through the chapter
 - Self-reflection to evaluate their own understanding of the topic
- 3 Comprehensive Key Science Concepts**
 - Allows pupils to learn and apply the scientific knowledge to develop their understanding of themselves and the world around them.
 - Build a strong foundation for their process skills



**Spark Curiosity,
Nurture Enquiring
Minds**



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The Living World

What are living things and how do we classify them?

- Pupils are introduced to living things and their characteristics, which provide a glimpse to the world we live in and explain essential concepts such as growth, movement and reproduction.
- Develops basic process skills such as comparing and classifying, as pupils learn how to differentiate living things and non-living things, and learn how to group living things.



Our Body

- What are the parts of my body and their functions?
- Pupils learn about their external body parts and five senses through fun activities and colourful illustrations.
- Progresses to learning about the different organ systems, such as the digestive system, the skeletal system and the nervous system.
- Allows pupils to have a clear understanding of how the human body works and appreciate how the various parts work together to keep us healthy.



Plants

- What are the different types of plants around us?
- Pupils start off learning about the different parts and functions of plants. As they learn about the uses of plants as food and medicines, pupils will grasp the importance of plants in our daily lives.
- Progresses to more advanced concepts such as plant life cycles
- Allows pupils to understand how processes like pollination, fertilisation and seed dispersal occur.



Animals

- What are the different types of animals?
- Pupils will learn to draw comparisons between animals and humans, in terms of body parts and senses.
- Understand the life cycles of animals and the importance of animal reproduction.
- Progress to learning about animal adaptations and relationships between plants and animals within an environment in higher grades.



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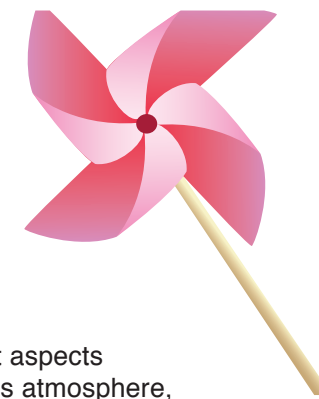
Earth, Sky and Space

- What is our environment?
- Pupils explore the different aspects of the environment, such as atmosphere, water, rocks and minerals. They will learn how to explain the occurrence of natural phenomena such as weather, seasons and natural disasters.
- Gain awareness about the different environmental problems, such as pollution and global warming.
- Pupils are encouraged to be well-informed and responsible citizens, who are able to care for the environment.



Matter

- What are the different states of matter?
- Students will learn to identify and differentiate the three states of matter, and explain how matter can change from one form to another when energy is added or removed.
- Allows students to build a strong foundation for learning physical and chemical processes.



Energy and Forces

- What are the forces and energy around us?
- Pupils learn about the different types of forces and energy, which help to explain how things around us work.
- Progresses to concepts such as sound, light and electrical energy in higher grades.
- Pupils will also learn more about energy transfer and conversion, such as how heat travels and how energy is converted from one form to another.



Materials

- What are the different materials and their properties?
- Students are first introduced to the different types of materials and their properties.
- Progresses to explore how certain materials can insulate and conduct heat or electricity.
- Allows students to handle and identify the right materials for different situations.

