

LEARNING & LIVING SCIENCE

Beyond rote memorisation, pupils are now embarking on a more hands-on, inquiry-based learning journey in science.

By EPH Editorial Team

The latest MOE Primary Science syllabus is transforming how young learners experience science — by making it more relevant, engaging, hands-on, and connected to the world around them. Moving beyond conventional fact-cramming, pupils are now encouraged to explore real-life applications, ask meaningful questions, and see science as a tool to understand everyday practices right from the start. The syllabus plays an important role in emphasising how science is part of our daily lives through **problem-solving** and **inquiry-based learning**. For instance, Primary 3 and 4 pupils may explore questions such as:

- How does heat travel from one object to another?
- Why are certain materials used to make shoe soles?
- Which animal's offspring looks significantly different from the adult?
- What happens to our shadow when we walk closer to the light source?
- Which material keeps soup warm the longest?

Such questions challenge pupils to think like scientists by investigating, experimenting, and reasoning based on evidence. By focusing on the 'what', 'which', 'when', 'why', and 'how', science becomes more than just a classroom subject — it becomes a way of thinking. Today's teaching

methods help pupils connect classroom concepts to real-world scenarios, sparking curiosity and deepening understanding through experiments, real-life projects, collaborative work, and digital tools.

Science is not just something we only learn in class or use for exams. It is all around us — in the things we do, in the places we live, and in the ways we experience and understand the world. With the right tools and encouragement, every pupil can discover the joy of learning science and grow into a curious, self-assured thinker ready to explore the world!

To support this dynamic approach to learning as well as to facilitate consistent revision, Primary 3 and 4 pupils may refer to the **Science Revision Workbook** series (\$13.90 each) by EPH, which consists of essential and concise topical notes as well as graded exercises and revision tests for easy exam preparation, self-study, and classroom use. Through foundation-building questions that help pupils evaluate their mastery of science concepts systematically and challenging questions that enhance process skills, this series helps pupils grasp essential concepts while building critical thinking skills. More than just for exam preparation, this series develops a confident and curious mindset for science learning!

