

Primary 4 Science Briefing for Parents

2026



Vision - JWPS Science student

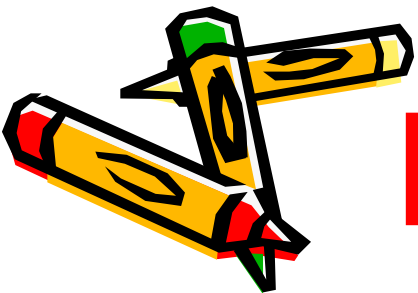
To develop **inquiring learner**
who is able to use his

Senses,

Think,

Ask questions and

Reflect critically.



P4 Science Topics

Term 1 (Cycles)

Matter & 3 states of matter

Term 2 (Energy)

Heat

Term 3 (Systems and Energy)

Body systems

Plant systems

Light

Term 4 (Energy)

Light



Process Skills Taught @ P4



P3 skills learnt (revision)

-Observing, classifying and communicating

New skills taught in P4:

Measuring - use appropriate apparatus and equipment (length, mass, temperature, brightness, volume and time)

Communicating - recording and presenting of data collected, drawing graphs

Predicting - suggest what may happen based on observations

Analysing and Inferring - form a likely conclusion based on observations and data given



New Syllabus 2023

Science Curriculum Framework

Science for **Life** and **Society**



Personal /
Functional

Cultural /
Civic

Professional /
Economic

Possess scientific mind-sets and practical knowledge of science and its applications to make everyday decisions, solve problems, and improve one's life.

Appreciate science as humanity's intellectual and cultural heritage, the beauty and power of its ideas, as well as participate in socio-scientific issues ethically and in an informed manner.

Apply scientific knowledge and skills, as well as adopt scientific attitudes and mind-sets to innovate and push new frontiers.

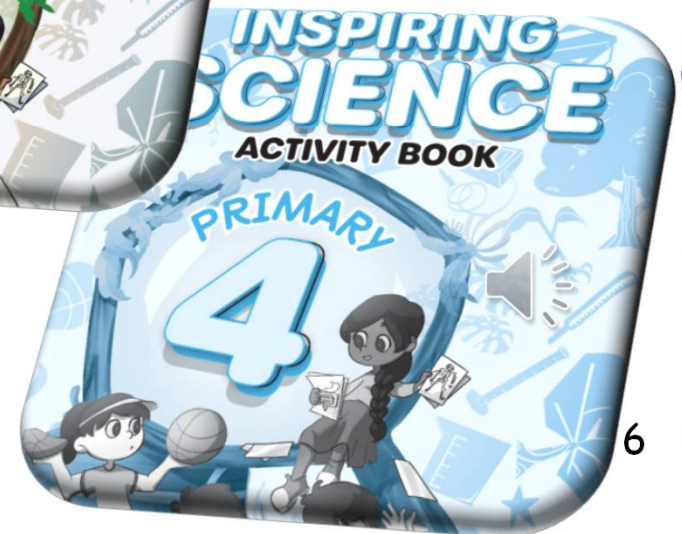
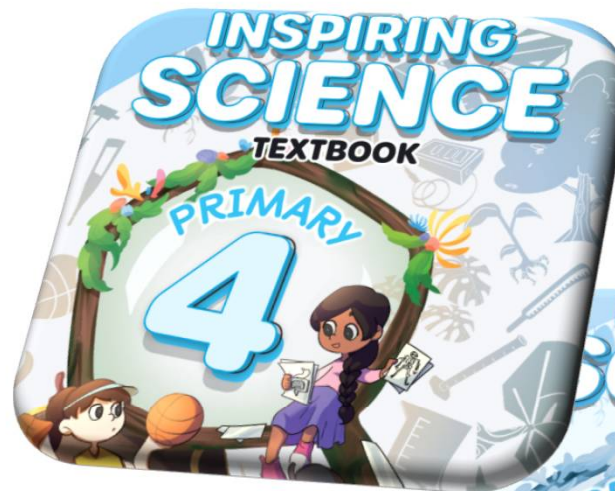
**Grounded in strong Science fundamentals:
Scientific Knowledge, Practices and Values**

To enthuse and nurture all students to be scientifically literate

To provide strong Science fundamentals for students to innovate and pursue STEM for future learning and work

Science Activity Books

- *New* textbooks and workbooks will be used
- Students will still be engaged in inquiry-based learning
- Topical worksheets will also be provided at the end of each topic



Holistic Assessment- Science

- **Bite-sized exercise** after each concept/skills taught to assess students' understanding
- **Alternative assessments** such as performance tasks, pen and paper test, practical test
- **Rubrics** for self-assessment and teacher assessment

Jurong West Primary School
Primary 3 Science Topical Worksheet (1A)
Topic: Diversity – Living and Non-Living Things

Name: _____ () Class: Innovativeness () Date: _____

Section A

For each question from 1 to 7, four options are given. Choose the correct answer and write the number (1, 2, 3 or 4) in the bracket provided.

1. A mimosa plant curls up its leaves when you touch it.



What characteristic of living things explains this plant's behaviour?

- (1) Living things will die without oxygen.
- (2) Living things can move on their own.
- (3) Living things can respond to changes.
- (4) Living things need food or they will curl up and die.


()

2. Which of the following correctly shows the height of a doll over a period of three years?

	Original Height (cm)	After one year (cm)	After two years (cm)	After three years (cm)
(1)	30	25	20	20
(2)	30	30	35	40
(3)	30	30	30	30
(4)	30	35	40	40

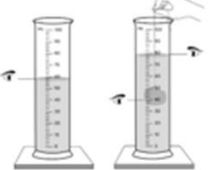



Homework Book

**JURONG WEST PRIMARY SCHOOL**

Matter (1A)

Matter or not?
Similarities and differences in matter



**Primary 4
Science Homework Book**

Name: _____ ()

Class: Kindness ()


I have read and checked my child's work.
Parent's signature /date

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Science Department 2025

Homework 3.1: Matter or not? Date: _____

Concepts:

- Matter is anything that occupies space and has mass.





 Read textbook pgs 42-50: What is matter?

1. Which one of the following is matter?

- (1) light
- (2) music
- (3) sound
- (4) telephone

()

2. Which one of the following is not matter?

(1)  air in the balloon	(2)  book	(3)  shadow	(4)  water in the beaker
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()

3. Which of the following statements about matter are true?
All matter _____.

- A: has mass
- B: occupy space
- C: can be compressed
- D: exist in solid, liquid or gas state

- (1) A, B and C only
- (2) A, B and D only
- (3) A, C and D only
- (4) A, B, C and D

()

Science Homework Book Page 1

R.I.S.E Strategy

R - read the question

I - identify keywords

S - select the relevant concepts 8

E - eliminate options



Assessments

Term 1: Bite-sized Assessment

Term 2: Practical Test

Term 3: Bite-sized Assessment

Term 4: End-of-Year Examination



Science Practical Test

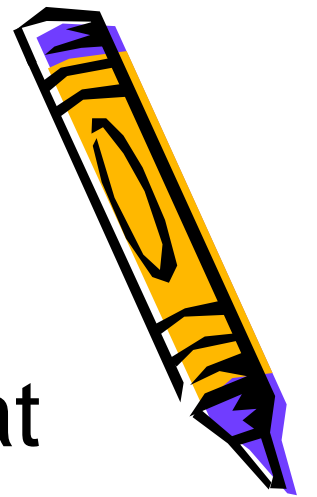
- Will be held in Term 2
- assess scientific concepts, skills and processes

Basic skills	Reading an instrument, selecting and using an instrument, measuring, analysing, inferring, communication
Observation work	Observing & drawing, comparing, classifying
Illustrative practical	Following instructions, performing an activity to solve a problem



Helping Your Child in Science

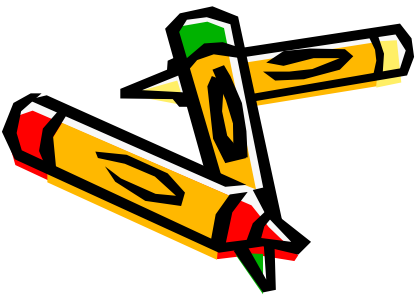
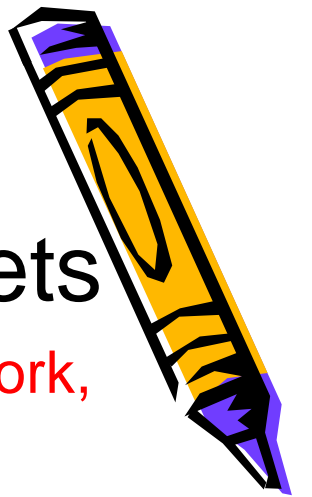
1. Encourage your child to :
 - **ask more questions** (Why? How? What happen?) → promoting the spirit of scientific inquiry
 - **read more Science books or magazines** (eg Science Spy, Young Scientists)
 - relate to real-life examples by providing them the **exposure examples**
Eg cooking (making soft boiled eggs), shadow play, going to parks (looking at plants)



Helping Your Child in Science

2. Sign on their workbooks and worksheets

- Be aware of their progress (understanding, attitude towards work, neatness in work)



THANK YOU

