

Primary Science

Marshall Cavendish Science: The Singapore Approach

My Pals are Here! Science (International Edition)

My Pals are Here! Science

i-Science (International Edition)

i-Science Interact, Inquire, Investigate

Supplementary Materials

Marshall Cavendish Science: The Singapore Approach

In this technologically driven and globalised world, it is essential to develop the necessary skills in pupils so that they can become confident and effective individuals in future.

The essence of the Singapore Science framework lies in the spirit of scientific inquiry. Through the inquiry process, pupils are able to build on or acquire new knowledge of Science through the application of various skills and processes by relating Science to their everyday life, the society and the environment.

The Singapore Primary Science curriculum framework aims to nurture pupils as inquirers who enjoy and value Science as an important tool in helping them explore the world around them.



Contextualising knowledge

Relating and applying scientific knowledge in real-life scenarios

The understanding of scientific knowledge takes place when the knowledge is applied during hands-on learning experiences situated in realistic contexts so that pupils can make connections with their own lives and the environment in which they live.



Developing process skills

Building on pupils' innate abilities and senses

Process skills are basic skills that pupils use to transform observation into knowledge. Opportunities are presented for pupils to construct their knowledge while developing essential process skills which are useful for the pupil in the long term.

Flashback

The life cycle of a tomato plant is made up of the following stages:

seed
seedling
young plant
mature plant
fruit

A. Parts of a flower

The life cycle of a flowering plant begins with a seed and ends with an adult plant.

Flowers are made up of different parts but all flowers have some common structures. **What are the parts of a flower?**

The main flower parts are the male and the female parts. Look at the following picture of a lily flower. Identify the various parts.

Extra

Some plants, like the lily shown on these pages, have both male and female parts in the same flower. The female part is called the pistil. Other plants like the lily have either only male or female parts in a single plant.

Identifying: Pistil

Identify the parts A, B, C and D of the flower.

Activity 3.1

Reproduction in flowering plants

National Curriculum

How do you know? Look at the pictures of the flowers. The female parts are the pistil and the male parts are the stamen. Identify the parts of the flower by referring to the diagrams below.

Activity 3.1

Reproduction in flowering plants

Building a strong foundation
Learning science through spiral progression

As pupils progress from grade to grade, their foundation of scientific knowledge is continuously reinforced. Concepts are revisited during the learning process which helps to ensure that pupils are not just constructing new knowledge but building on knowledge previously acquired.

Background information for teachers

The animal kingdom is made up of two main groups: vertebrates and invertebrates. Vertebrates are further divided into mammals, birds, fish, amphibians and reptiles. Invertebrates are further divided into sponges, cnidarians, worms, molluscs, arthropods and annelids.

6.1 Animals around us

What are the different kinds of animals around us?

There are many kinds of animals around us. One group can be very different from another.

Animals come in different sizes. Some animals are very big. Some animals are very small.

Explore

Observe, compare and contrast the different kinds of animals around us. What are the differences? What are the similarities?

Activity 6.1

Animals around us

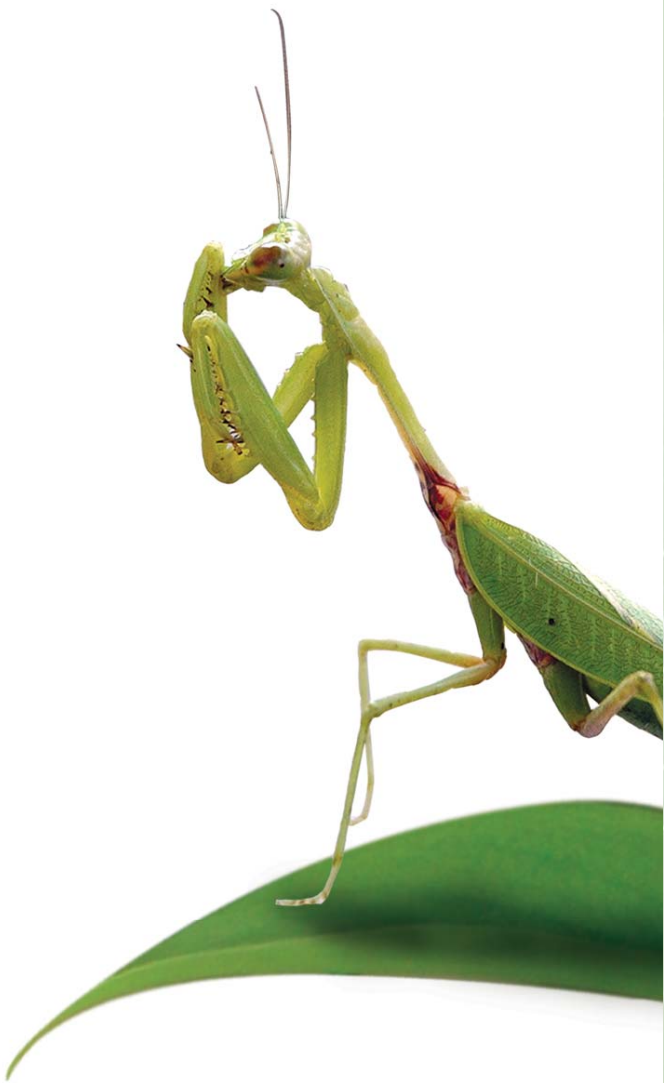
Key Inquiry question:

How are the different kinds of animals around us? (e.g. the elephant, monkey, cat, frog, snake, grasshopper, bird and spider)

All the animals have legs to move from place to place and a mouth to eat. The animals come in different sizes. Some are big and some are small. Some are fast and some are slow.

Facilitating inquiry
Creating inquiry-based lessons

Pupils learn Science better using scientific inquiry because they gain the confidence in carrying out scientific investigations through guided inquiry. Based on this, our instructional design maximises pupils' learning experience of Science as an inquiry. Teachers are also equipped with materials that enhance their role as a facilitator of scientific inquiry.



MY PALS ARE HERE! International Edition

Science

My Pals are Here! Science (International Edition) helps young learners acquire deep understanding of scientific concepts while developing essential process skills through a stimulating and multi-sensory approach. This package ensures that every pupil excels in Science by using approaches that draw on their curiosity, senses, real-life experiences and innate skills.

The package comprises:

- Textbook
- Activity Book
- Teacher's Guide

Core Curriculum

My Pals are Here! Science
(International Edition)
Textbook

These Textbooks help young learners acquire deep understanding of scientific concepts, knowledge, skills and processes that form the basis for learning at higher levels. They contain:

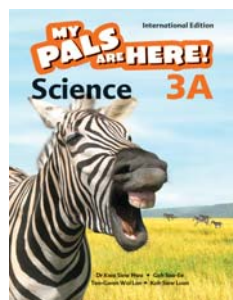
- Science concepts which are introduced to pupils through familiar contexts and portrayed through vibrant visuals.
- Integration of process skills which facilitate the acquisition of new knowledge while developing skills that are central to the learning of Science as an inquiry.
- Carefully developed scope and sequence of the content so that concepts learnt earlier are revisited at each level with increasing depth.
- Scaffolded instructions and practice to provide adequate guidance and form the framework of understanding for the pupils.



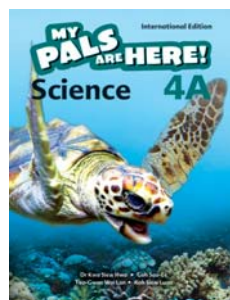
Textbook 1A
9789810168247



Textbook 2A
9789810168261



Textbook 3A
9789810168438



Textbook 4A
9789810168476



Textbook 5A
9789810168513



Textbook 6A
9789810168551



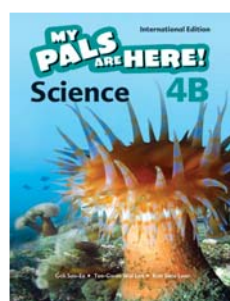
Textbook 1B
9789810168254



Textbook 2B
9789810168278



Textbook 3B
9789810168445



Textbook 4B
9789810168483



Textbook 5B
9789810168520



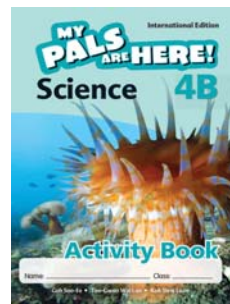
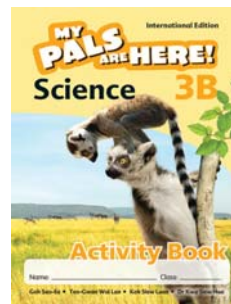
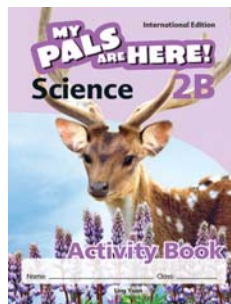
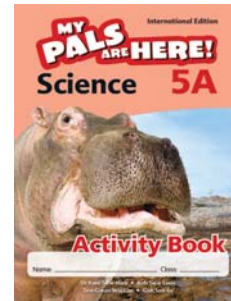
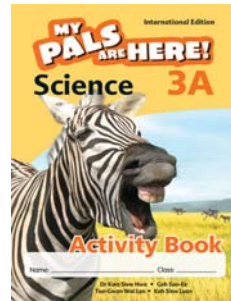
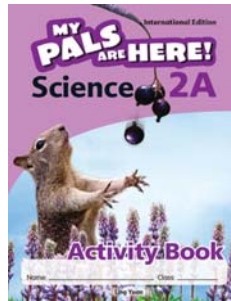
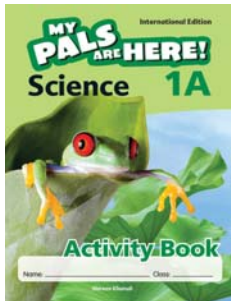
Textbook 6B
9789810168568

PRIMARY SCIENCE

Core Curriculum

My Pals are Here! Science (International Edition) Activity Book

These complements to the Textbooks provide an experiential, hands-on approach to the learning of Science through the extensive use of process skills. The activities are presented in a variety of formats that help pupils to reinforce and consolidate the concepts learnt.



Activity Book 1A
9789810168285

Activity Book 2A
9789810168308

Activity Book 3A
9789810168452

Activity Book 4A
9789810168490

Activity Book 5A
9789810168537

Activity Book 6A
9789810168575

Activity Book 1B
9789810168292

Activity Book 2B
9789810168315

Activity Book 3B
9789810168469

Activity Book 4B
9789810168506

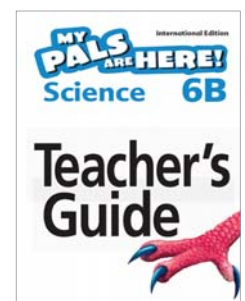
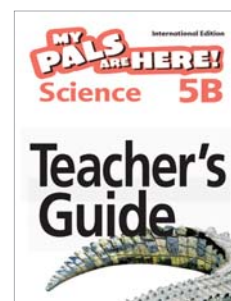
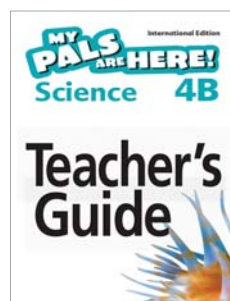
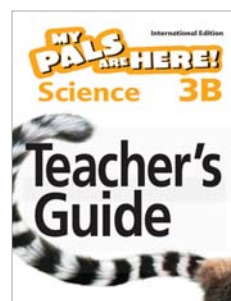
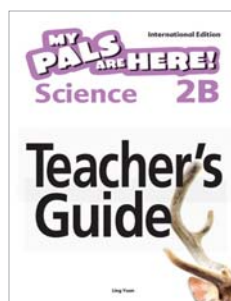
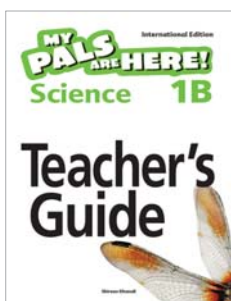
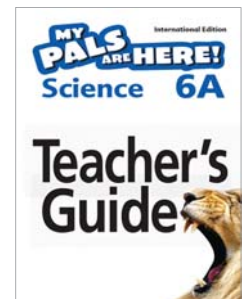
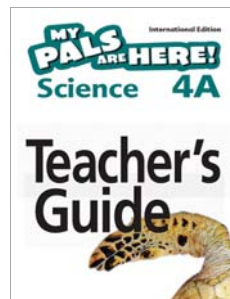
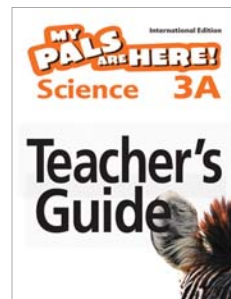
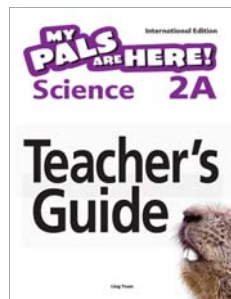
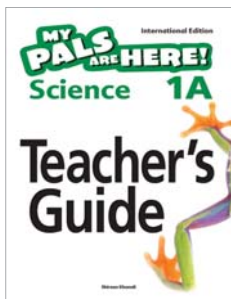
Activity Book 5B
9789810168544

Activity Book 6B
9789810168582

Teacher's Resources

My Pals are Here! Science (International Edition) Teacher's Guide

These comprehensive guides provide explicit Lesson Plans with additional teacher's notes and content that help activate prior knowledge, address common misconceptions and provide important facts to consolidate learning. Trigger questions and suggested activities with guided questions are embedded in the Textbooks, Activity Books and Teacher's Guides to focus on the development of process skills in pupils.



Teacher's Guide 1A
9789810168322

Teacher's Guide 2A
9789810168346

Teacher's Guide 3A
9789810168599

Teacher's Guide 4A
9789810168612

Teacher's Guide 5A
9789810168636

Teacher's Guide 6A
9789810168650

Teacher's Guide 1B
9789810168339

Teacher's Guide 2B
9789810168353

Teacher's Guide 3B
9789810168605

Teacher's Guide 4B
9789810168629

Teacher's Guide 5B
9789810168643

Teacher's Guide 6B
9789810168667



Science

My Pals are Here! Science is a comprehensive package developed based on the latest Primary Science syllabus set by the Ministry of Education, Singapore. Adopting the inquiry-based approach to the learning of Science, it aims to spark curiosity and awaken young minds to the world around them. Special emphasis has also been placed on helping pupils acquire process skills.

The package comprises:

- Textbook
- Teacher's Guide
- Posters
- Tests
- Process Skills
- Activity Book
- More Notes
- Homework
- Higher Order Thinking Skills (HOTS)

Core Curriculum

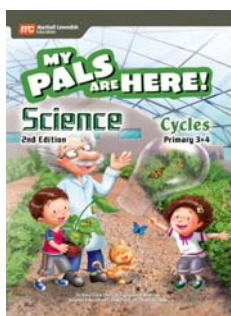
My Pals are Here! Science Textbook

There are nine primary textbooks covering four levels. These engaging books are organised according to themes:

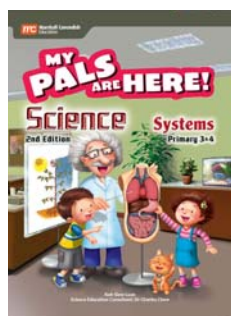
Primary 3 & 4: Diversity, Cycles, Systems, Energy and Interactions.

Primary 5 & 6: Cycles, Systems, Energy and Interactions.

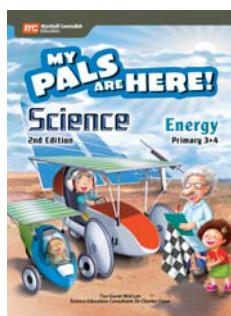
- Lively and engaging: Fascinating pictures, vibrant illustrations and concrete examples are used to stimulate young minds.
- Facilitates inquiry: A variety of questions are used to engage pupils and guide them in the inquiry process.
- Builds assessment confidence: Concepts learnt are constantly reinforced throughout the chapter, while end-of-chapter summaries and thematic overviews aid easy recall, helping pupils grasp key concepts for assessment.



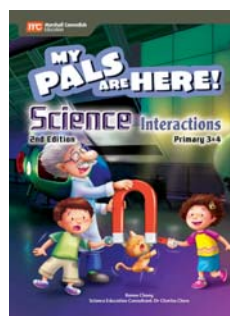
Textbook (Cycles)
Primary 3 & 4
9789810187279



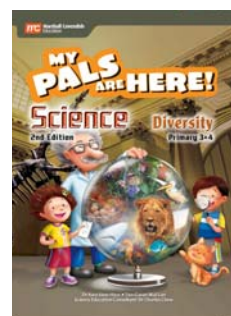
Textbook (Systems)
Primary 3 & 4
9789810187286



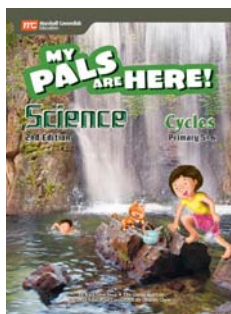
Textbook (Energy)
Primary 3 & 4
9789810187255



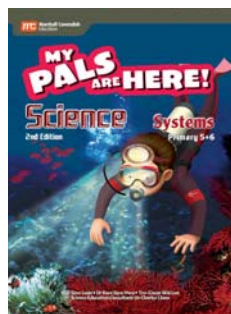
Textbook (Interactions)
Primary 3 & 4
9789810187248



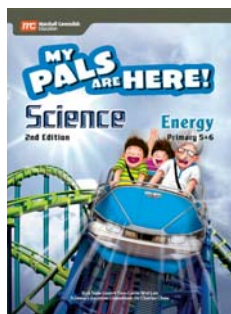
Textbook (Diversity)
Primary 3 & 4
9789810187262



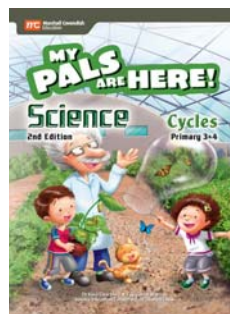
Textbook (Cycles)
Primary 5 & 6
9789810187491



Textbook (Systems)
Primary 5 & 6
9789810187484



Textbook (Energy)
Primary 5 & 6
9789810187507



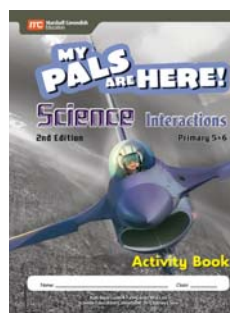
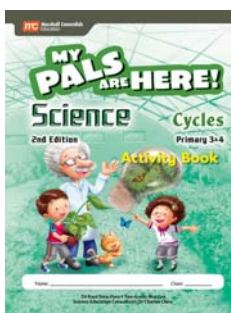
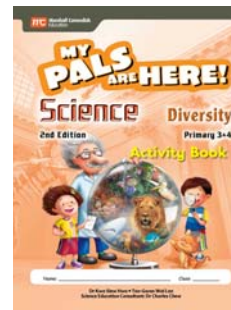
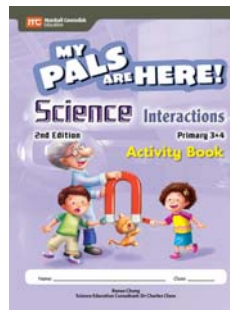
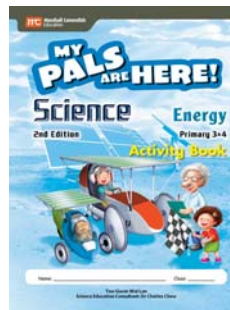
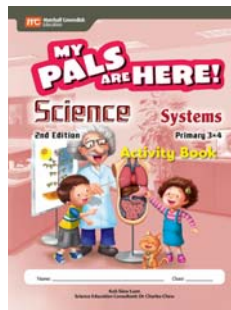
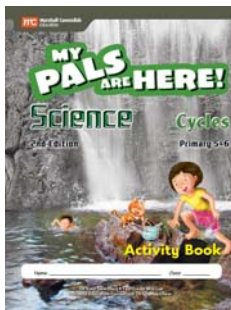
Textbook (Interactions)
Primary 5 & 6
9789810187514

Core Curriculum

My Pals are Here! Science Activity Book

The nine Activity Books complement the Textbooks and aim to stimulate young minds, cultivate their interest and spark their curiosity in finding out about the things around them. They adopt a hands-on and inquiry-based approach to the learning of Science, helping pupils to explore and reinforce the concepts learnt in the textbooks.

There is a wide variety of challenging and interesting activities in this book, ranging from experiments and investigations to projects and even researching the Internet for information. These activities develop pupils' process skills, while helping them understand the purpose for inquiry.



**Activity Book
(Cycles)
Primary 3 & 4**
9789810187323

**Activity Book
(Systems)
Primary 3 & 4**
9789810187330

**Activity Book
(Energy)
Primary 3 & 4**
9789810187309

**Activity Book
(Interactions)
Primary 3 & 4**
9789810187293

**Activity Book
(Diversity)
Primary 3 & 4**
9789810187316

**Activity Book
(Cycles)
Primary 5 & 6**
9789810187538

**Activity Book
(Systems)
Primary 5 & 6**
9789810187521

**Activity Book
(Energy)
Primary 5 & 6**
9789810187545

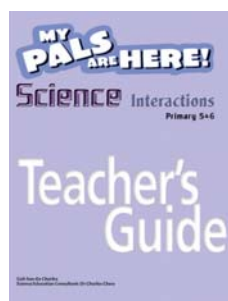
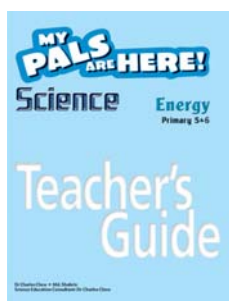
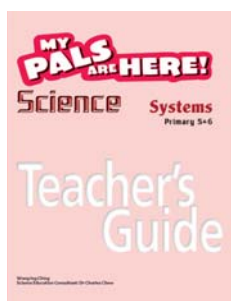
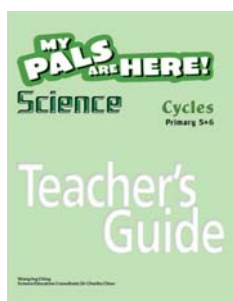
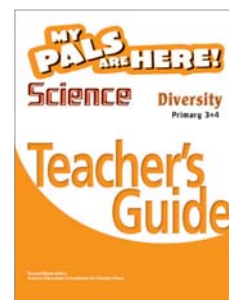
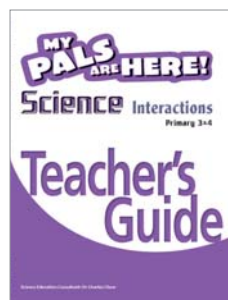
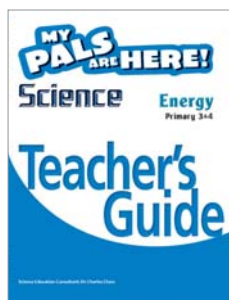
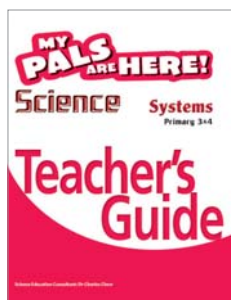
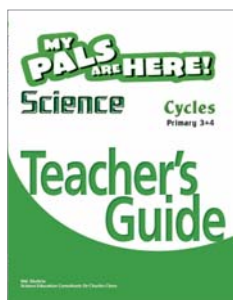
**Activity Book
(Interactions)
Primary 5 & 6**
9789810187552

PRIMARY SCIENCE

Teacher's Resources

My Pals are Here! Science Teacher's Guide

These detailed and comprehensive guides assist teachers in lesson planning, preparation and the inquiry-based teaching process. They contain Scheme of Work, detailed Lesson Plans and wraparounds with additional teacher's notes and questions to effectively implement an inquiry-based curriculum.



**Teacher's Guide
(Cycles)**
Primary 3 & 4
9789810115142

**Teacher's Guide
(Systems)**
Primary 3 & 4
9789810115159

**Teacher's Guide
(Energy)**
Primary 3 & 4
9789810115166

**Teacher's Guide
(Interactions)**
Primary 3 & 4
9789810115173

**Teacher's Guide
(Diversity)**
Primary 3 & 4
9789810115135

**Teacher's Guide
(Cycles)**
Primary 5 & 6
9789810114343

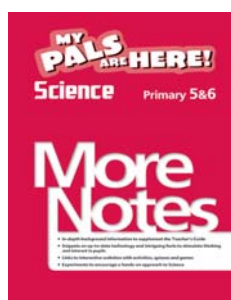
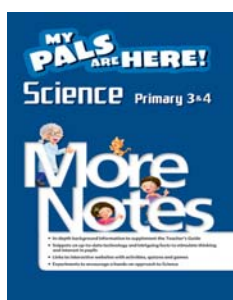
**Teacher's Guide
(Systems)**
Primary 5 & 6
9789810114268

**Teacher's Guide
(Energy)**
Primary 5 & 6
9789810114350

**Teacher's Guide
(Interactions)**
Primary 5 & 6
9789810114367

My Pals are Here! Science More Notes

These informative teaching aids help teachers deepen their understanding of concepts taught in the syllabus through detailed reading materials. These books are invaluable resources to facilitate teaching, especially for non-Science trained teachers.



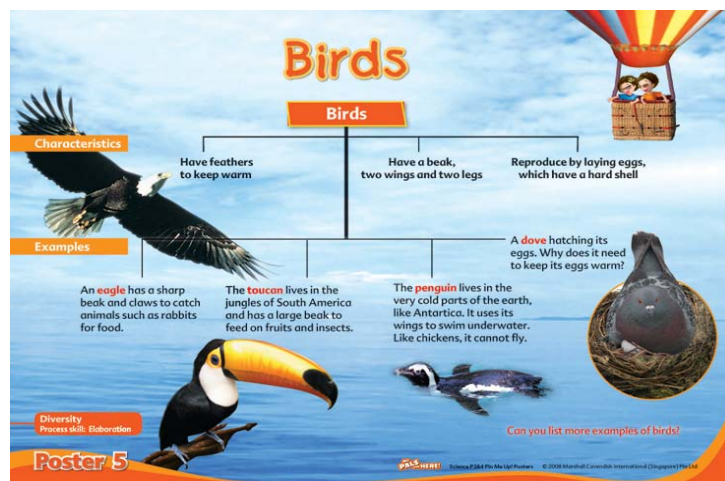
More Notes
Primary 3 & 4
9789810112578

More Notes
Primary 5 & 6
9789810114183

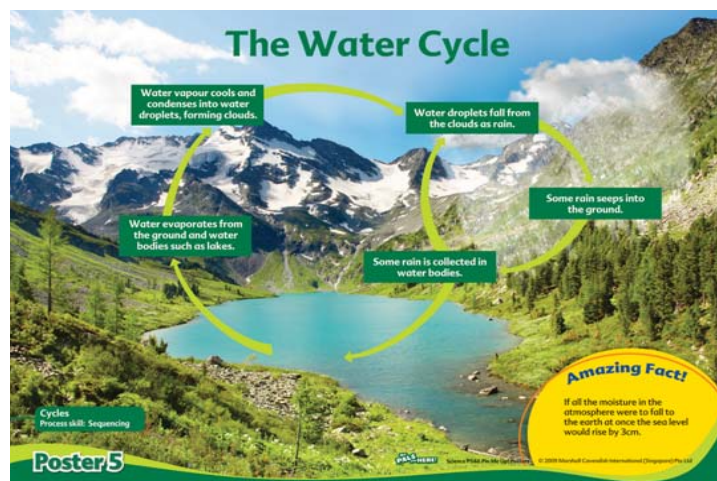
Teacher's Resources

My Pals are Here! Science Pin Me Up! Posters

The posters are made up of lively illustrations that clearly explain concepts at a glance and provide cross links that help pupils relate topics across themes to aid easy recall. Stimulating facts are provided to develop pupil's process and thinking skills through classroom discussions and inquiry-based learning.



Pin Me Up! Posters
Primary 3 & 4
109901736X



Pin Me Up! Posters
Primary 5 & 6
1099017335

My Pals are Here! Science Think Time Posters

These activity-based posters encourage the development of thinking and process skills in pupils. Scenario-based examples are presented in a pictorial format to help bring relevance to everyday encounters. Thought-provoking questions are provided to help teachers conduct lively and interactive inquiry-based discussions.



Think Time Posters
Primary 3 & 4
1099017688



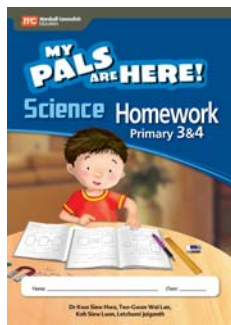
Think Time Posters
Primary 5 & 6
1099018129

PRIMARY SCIENCE

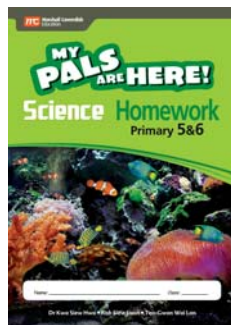
Supporting Materials

My Pals are Here! Science Homework

Designed to reinforce learning in the classroom, these handy teaching aids provide assessment opportunities through examination-style questions. Perforated tear-out worksheets allow pupils to file their work for convenient reference when preparing for their examination.



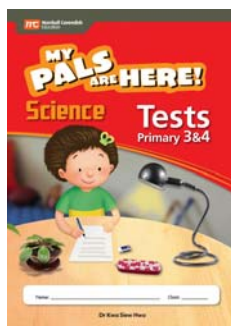
**Homework
Primary 3 & 4**
9789810113773



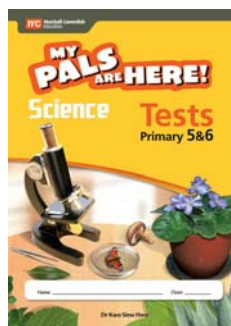
**Homework
Primary 5 & 6**
9789810114145

My Pals are Here! Science Tests

Pupils who are well prepared have less anxiety as examinations draw near. These books complement the My Pals are Here! Science course and provide plenty of practice with topical examination-type questions as well as Continual and Semestral Assessment papers.



**Tests
Primary 3 & 4**
9789810113865



**Tests
Primary 5 & 6**
9789810114152

My Pals are Here! Science Higher Order Thinking Skills (HOTS)

The challenging and unconventional questions in these study aids are designed to cultivate the higher order thinking, critical and analytical skills necessary to develop an inquiring scientific mind.



**Higher Order
Thinking Skills
(HOTS)
Primary 3 & 4**
9789810113926

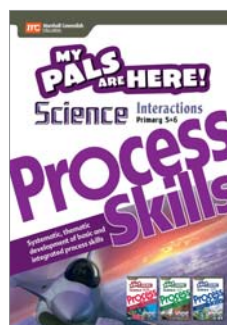
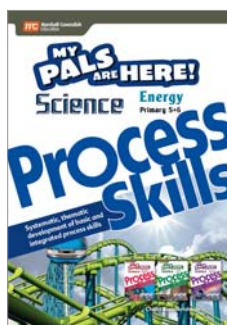
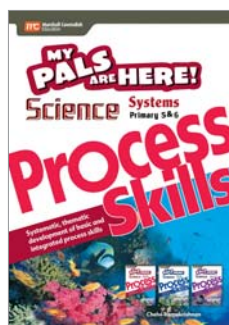
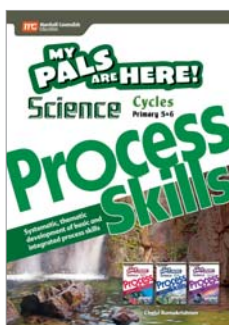
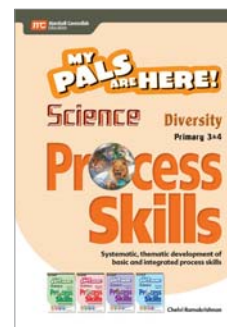
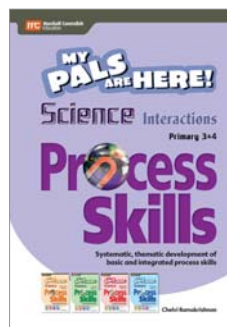
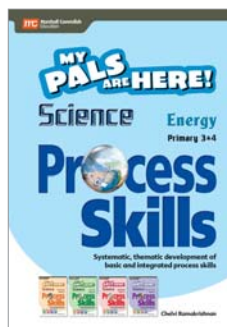
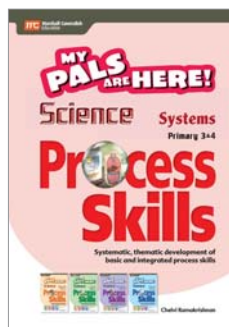
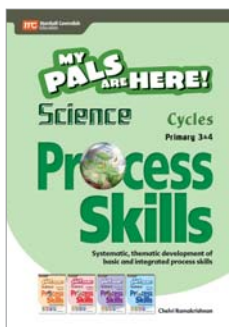


**Higher Order
Thinking Skills
(HOTS)
Primary 5 & 6**
9789810114169

Supporting Materials

My Pals are Here! Science Process Skills

These worksheets are designed to encourage pupils to think out of the box, apply skills and processes in different contexts, strengthen skills through practice and understand the workings of Science to be well prepared for examination. The two-pronged progressive structure allows pupils to carry out inquiries on scientific concepts and explore more complex processes through the challenging questions posed.



**Process Skills
(Cycles)**
Primary 3 & 4
9789810114466

**Process Skills
(Systems)**
Primary 3 & 4
9789810114459

**Process Skills
(Energy)**
Primary 3 & 4
9789810114473

**Process Skills
(Interactions)**
Primary 3 & 4
9789810114480

**Process Skills
(Diversity)**
Primary 3 & 4
9789810114442

**Process Skills
(Cycles)**
Primary 5 & 6
9789810113230

**Process Skills
(Systems)**
Primary 5 & 6
9789810113247

**Process Skills
(Energy)**
Primary 5 & 6
9789810113261

**Process Skills
(Interactions)**
Primary 5 & 6
9789810113254

i-Science

(International Edition)

i-Science is specially written to equip pupils with scientific knowledge and process skills essential to the learning of science. This series encourages active learning and attempts to develop habits of the mind and attitudes necessary for scientific inquiry in pupils.

The package comprises:

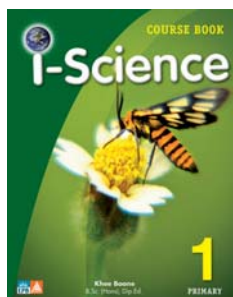
- Course Book
- Teacher's Guide
- Activity Book
- Science Experiments on Video

Core Curriculum

i-Science (International Edition) Course Book

The Course Books allow pupils to learn Science based on themes that they can relate to in their everyday experiences and commonly observed phenomena in nature. At each level, the Core Curriculum is supported by a comprehensive range of Course Books, which contain:

- Everyday examples and contexts that allow pupils to relate to easily.
- Spiral approach that links what has been learnt and what is to be learnt.
- Clear and relevant illustrations that enable pupils to understand concepts quickly.
- Graphic organisers that help to consolidate learning and summarise key ideas.
- Activities and questions that encourage the development of critical thinking and analytical skills.



Course Book 1
9789812850638



Course Book 2
9789812850676



Course Book 3
9789812857842



Course Book 4
9789812857859



Course Book 5
9789812850836

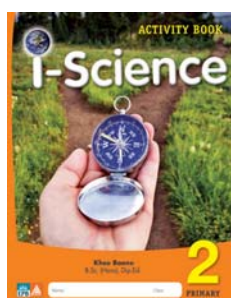
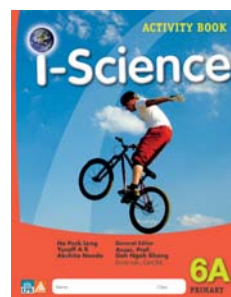
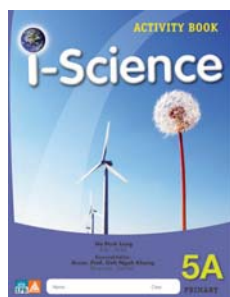
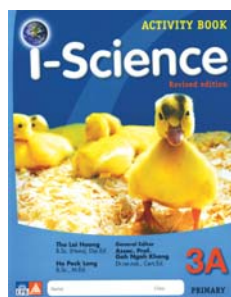
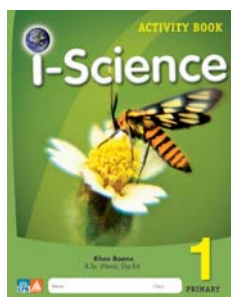


Course Book 6
9789812850881

PRIMARY SCIENCE

Core Curriculum i-Science (International Edition) Activity Book

Complementing the Course Books, these Activity Books are designed to equip pupils with scientific knowledge and a set of skills which they can use in more complex processes. The activities provided in each activity book are closely linked to the respective sections in the Course Book to facilitate teaching and learning. Activities are specially developed to help pupils to acquire and develop both thinking skills and practice skills – the process skills which are essential in Science inquiry.



Activity Book 1
9789812850645

**Activity Book 3A
(Revised Edition)**
9789812857798

Activity Book 4A
9789812850782

Activity Book 5A
9789812850843

Activity Book 6A
9789812850898

Activity Book 2
9789812850683

**Activity Book 3B
(Revised Edition)**
9789812857804

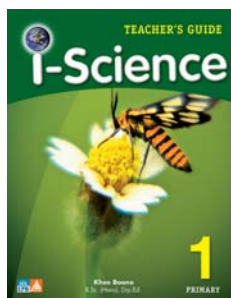
Activity Book 4B
9789812850799

Activity Book 5B
9789812850850

Activity Book 6B
9789812850904

Teacher's Resources i-Science (International Edition) Teacher's Guide

These comprehensive Teacher's Guides are created with the aim of assisting teachers with planning the ideal lesson in class. They contain useful tools such as Scheme of Work and background information so that teachers are able to prepare for lessons effectively. Teaching strategies also provide teachers with useful pointers that can be used in class.



Teacher's Guide 1
9789812575401

Teacher's Guide 2
9789812575449

Teacher's Guide 3
9789812425393

Teacher's Guide 4
9789812572226

Teacher's Guide 5
9789812089601

Teacher's Guide 6
9789812526922

PRIMARY SCIENCE

Teacher's Resources

i-Science (International Edition) Science Experiments on Video

Each video CD contains comprehensive, easy-to-follow demonstrations that illustrate and explain key concepts and principles to facilitate pupils understanding. Pause time at appropriate junctions allow teachers to raise thought-provoking questions to reinforce learning.



**Science
Experiments on
Video Primary 3 & 4**
9789812853707



**Science
Experiments on
Video Primary 5 & 6**
9789812853714



i-Science – Interact, Inquire, Investigate aims to nurture pupils to be inquirers by encouraging them to learn actively and to develop habits of mind and attitudes which are essential for scientific inquiry.

The package comprises:

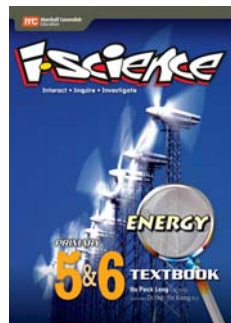
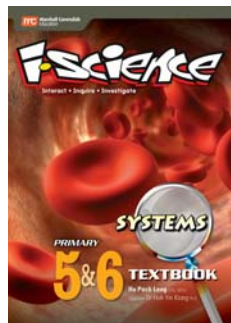
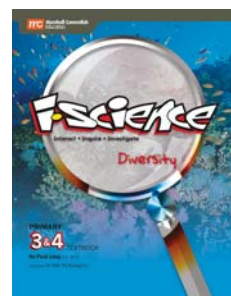
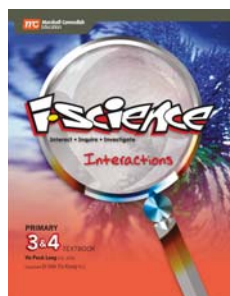
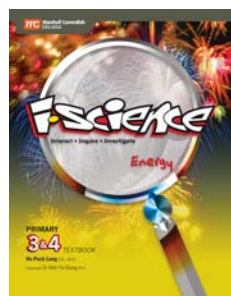
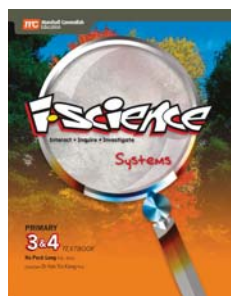
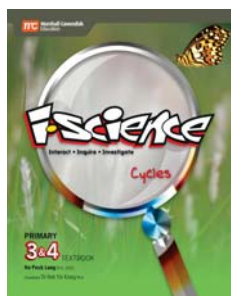
- | | | | |
|------------------|--------------|-------------------|--------------|
| ▪ Textbook | ▪ Workbook | ▪ Teacher's Guide | ▪ Revision |
| ▪ Parent's Guide | ▪ Enrichment | ▪ Tests | ▪ Powerhouse |
| ▪ PSLE Practice | ▪ PSLE Guide | | |

Core Curriculum

i-Science - Interact, Inquire, Investigate Textbook

The Textbooks aim to provide an inquiry-based learning of Science for pupils through the integration and infusion of skills, processes, ethics and attitudes. A constructivist approach is adopted where appropriate to ensure that pupils are inquirers of Science. They contain:

- Everyday experiences and contexts so that pupils will be able to relate Science concepts to everyday life.
- Interesting graphics, concept cartoons and concept maps to make learning fun and interesting.
- Activities that encourage pupils to ask, analyse, explore, investigate and reflect.



**Textbook
(Cycles)**
Primary 3 & 4
9789812717115

**Textbook
(Systems)**
Primary 3 & 4
9789812717122

**Textbook
(Energy)**
Primary 3 & 4
9789812717146

**Textbook
(Interactions)**
Primary 3 & 4
9789812717139

**Textbook
(Diversity)**
Primary 3 & 4
9789812717108

**Textbook
(Cycles)**
Primary 5 & 6
9789812733191

**Textbook
(Systems)**
Primary 5 & 6
9789812733214

**Textbook
(Energy)**
Primary 5 & 6
9789812733252

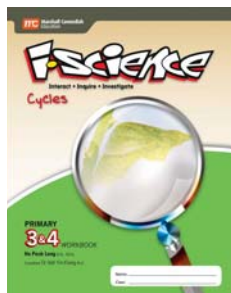
**Textbook
(Interactions)**
Primary 5 & 6
9789812733238

PRIMARY SCIENCE

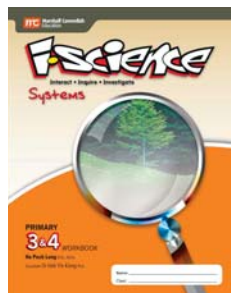
Core Curriculum

i-Science - Interact, Inquire, Investigate Workbook

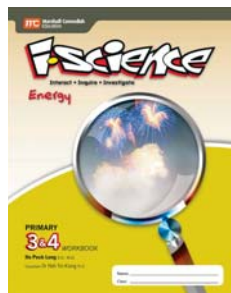
Complementing the Textbooks, these Workbooks consist of interesting activities that develop the investigative and inquiry skills of pupils. In addition, there are also revision worksheets which comprise different kinds of questions, multiple-choice and short-answer questions, to gauge pupils' understanding of the concepts learnt.



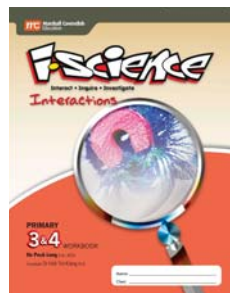
**Workbook
(Cycles)**
Primary 3 & 4
9789812717160



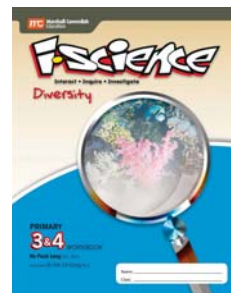
**Workbook
(Systems)**
Primary 3 & 4
9789812717177



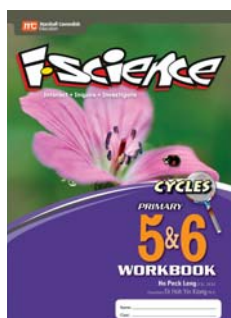
**Workbook
(Energy)**
Primary 3 & 4
9789812717191



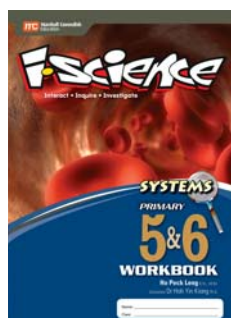
**Workbook
(Interactions)**
Primary 3 & 4
9789812717184



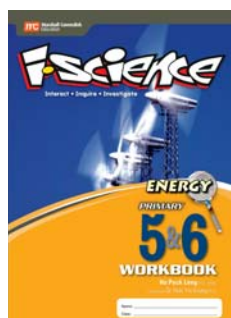
**Workbook
(Diversity)**
Primary 3 & 4
9789812717153



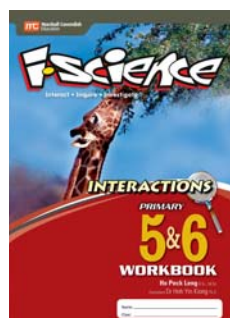
**Workbook
(Cycles)**
Primary 5 & 6
9789812733207



**Workbook
(Systems)**
Primary 5 & 6
9789812733221



**Workbook
(Energy)**
Primary 5 & 6
9789812733269



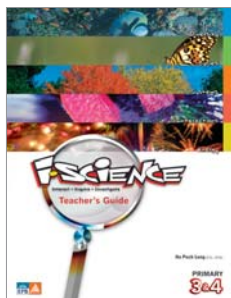
**Workbook
(Interactions)**
Primary 5 & 6
9789812733245

Teacher's Resources

i-Science - Interact, Inquire, Investigate Teacher's Guide

These comprehensive Teacher's Guides contain effective strategies to facilitate classroom teaching. Resources such as Scheme of Work, background information and answers for the Workbooks help in lesson preparation. They contain:

- Background information and specific instructional objectives of each chapter to help teachers prepare for lessons.
- Common misconceptions that are placed alongside the correct concepts so that it is convenient for teachers to highlight them to the pupils.
- Suggested approach to lesson development and additional pointers to help teachers prepare the lessons.



Teacher's Guide
Primary 3 & 4
9789812736468



**Teacher's Guide
(Cycles)**
Primary 5 & 6
9789812806918



**Teacher's Guide
(Systems)**
Primary 5 & 6
9789812806925



**Teacher's Guide
(Energy)**
Primary 5 & 6
9789812806949



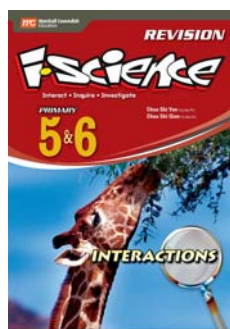
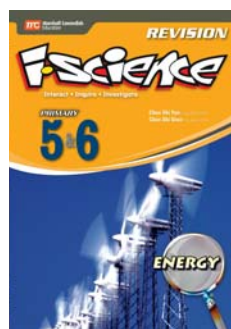
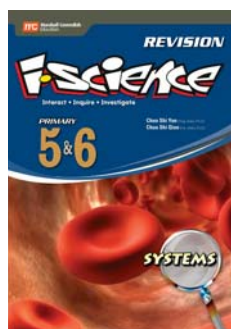
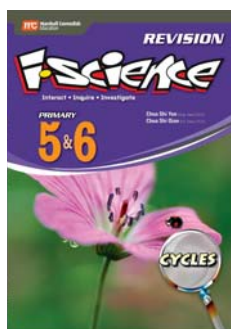
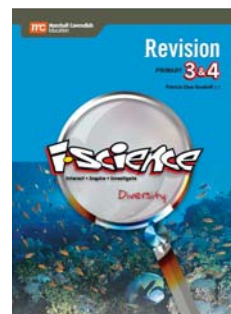
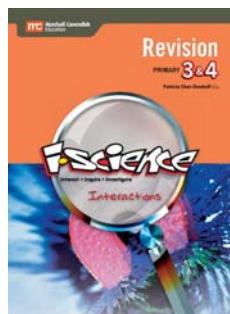
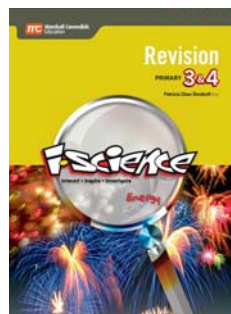
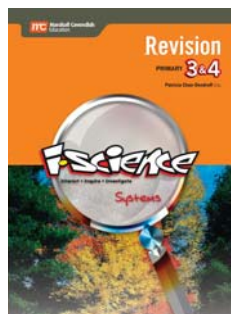
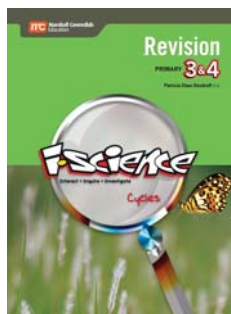
**Teacher's Guide
(Interactions)**
Primary 5 & 6
9789812806932

PRIMARY SCIENCE

Supporting Materials

i-Science - Interact, Inquire, Investigate Revision

These study aids contain comprehensive revision notes that cover the important points in each chapter and fun activities that reinforce concepts learnt. Supplementary questions are also provided to challenge the mind and develop critical thinking skills. Pupils are also able to assess their level of understanding based on the various practice exercises available.



**Revision
(Cycles)**
Primary 3 & 4
9789812736482

**Revision
(Systems)**
Primary 3 & 4
9789812736499

**Revision
(Energy)**
Primary 3 & 4
9789812736512

**Revision
(Interactions)**
Primary 3 & 4
9789812736505

**Revision
(Diversity)**
Primary 3 & 4
9789812736475

**Revision
(Cycles)**
Primary 5 & 6
9789812800503

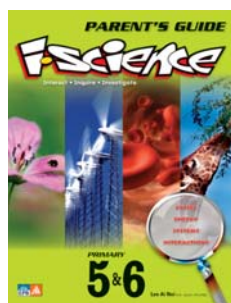
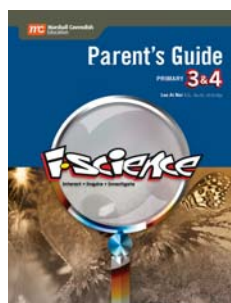
**Revision
(Systems)**
Primary 5 & 6
9789812800510

**Revision
(Energy)**
Primary 5 & 6
9789812800534

**Revision
(Interactions)**
Primary 5 & 6
9789812800527

i-Science - Interact, Inquire, Investigate Parent's Guide

These books empower parents who want to help their children build a firm foundation in Science. A summary that contains key concepts learnt in the chapter allows parents to have an overall understanding of each topic. Simple step-by-step, hands-on activities help ensure children understand the Science concepts learnt. Guiding questions with suggested answers serve to guide and lead children in understanding the concepts while doing these activities.



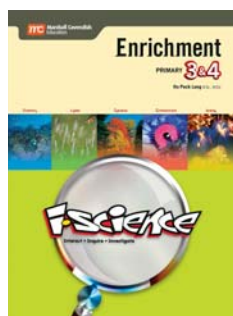
Parent's Guide
Primary 3 & 4
9789812736543

Parent's Guide
Primary 5 & 6
9789812800572

PRIMARY SCIENCE

Supporting Materials

i-Science - Interact, Inquire, Investigate Enrichment



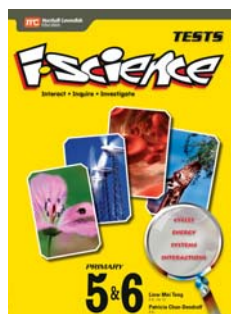
**Enrichment
Primary 3 & 4**
9789812736536

This book serves as a good form of enrichment for Science concepts learnt in schools. It contains in-depth information and activities which build on the key existing knowledge learnt in class. Interesting facts are also highlighted to stimulate interest in Science. Pupils can also use the revision worksheets provided to reinforce their understanding of concepts learnt.

i-Science - Interact, Inquire, Investigate Tests



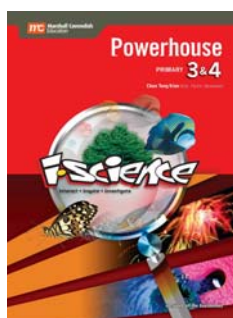
**Tests
Primary 3 & 4**
9789812805911



**Tests
Primary 5 & 6**
9789812800558

These books contain test papers that assess pupils' understanding of the topic, theme and the subject as a whole. Teachers are able to use the different types of tests to diagnose problem areas of their pupils. The test questions are of varying levels of difficulty, so pupils are able to have ample practice and prepare themselves for the examination.

i-Science - Interact, Inquire, Investigate Powerhouse



**Powerhouse
Primary 3 & 4**
9789812737816



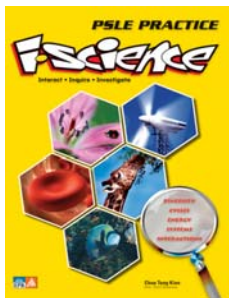
**Powerhouse
Primary 5 & 6**
9789812800565

These books contain Higher Order Thinking questions that challenge pupils' mental ability and concurrently develop their critical thinking skills such as evaluating, synthesising and analysing. Answers with explanations are provided to facilitate teaching and independent learning.

PRIMARY SCIENCE

Supporting Materials

i-Science - Interact, Inquire, Investigate PSLE Practice



PSLE Practice
Primary 5 & 6
9789812800596

The challenging and varied examination-style questions in the book prepare pupils for the PSLE (Year 6 Elementary School Examination). Pupils are able to have a foretaste of examination conditions when they practise using the specimen papers found in the book.

i-Science - Interact, Inquire, Investigate PSLE Guide



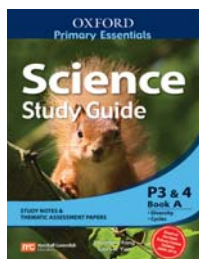
PSLE Guide
9789812800589

With handy notes for every chapter and effective tips on tackling examination questions, this book is an ideal companion when revising for the PSLE (Year 6 Elementary School Examination). Worked examples guide pupils through the thought processes for challenging questions, while the sample examination paper allows pupils to practise and revise key concepts.

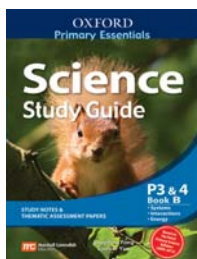
SUPPLEMENTARY Materials

Primary Essentials Science Study Guide

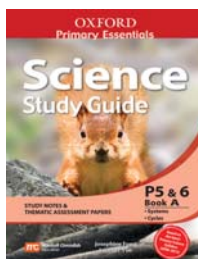
This series of comprehensive, two-book study companions provides pupils with concise notes, worked examples and examination-style test papers designed to enhance thinking processes and hone examination techniques. The lists of learning outcomes allow for focused study of the syllabus while short tests allow for consistent revision, with teaching notes to help parents and teachers work through process skills with pupils.



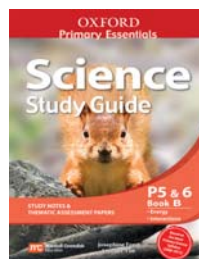
Science Study Guide Primary 3 & 4 Book A
9789810112592



Science Study Guide Primary 3 & 4 Book B
9789810112646



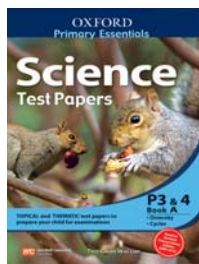
Science Study Guide Primary 5 & 6 Book A
9789810113278



Science Study Guide Primary 5 & 6 Book B
9789810113285

Primary Essentials Science Test Papers

The perfect complement to Science Study Guide, this set of books contains the types of questions pupils will need to be familiar with. Before each test paper, pupils are invited to revise what they have learned at school in “Knowledge Recall” before tackling the topical test paper, which revises specific topics. Two thematic test papers allow parents and tutors to assess the child’s overall understanding of the featured themes.



Science Test Papers Primary 3 & 4 Book A
9789810112585



Science Test Papers Primary 3 & 4 Book B
9789810112639

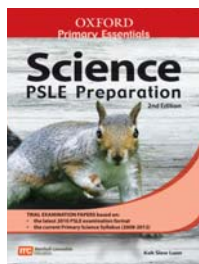


Science Test Papers Primary 5 & 6 Book A
9789810114732



Science Test Papers Primary 5 & 6 Book B
9789810114749

Primary Essentials Science PSLE Preparation (2nd Edition)



Science PSLE Preparation (2nd Edition)
9789810112608

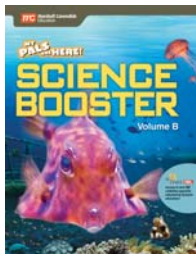
This comprehensive PSLE (Year 6 Elementary School Examination) guide provides pupils with ample opportunities for PSLE practice. A Recall – Practise – Sharpen approach is adopted in the book to help pupils strengthen their scientific knowledge and skills, as well as build their confidence for the PSLE examination. Graphical representation of science concepts, step-by-step guides and trial examination papers are available in the book to prepare pupils for the examination.

SUPPLEMENTARY Materials

My Pals are Here! Science Booster



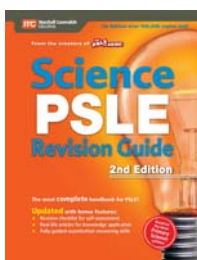
**My Pals are Here!
Science Booster
Volume A**
9789810114022



**My Pals are Here!
Science Booster
Volume B**
9789810114176

These compact, yet comprehensive and content-rich books help build scientific knowledge in primary school pupils. Containing information about the latest developments in science and technology, stunning photography, enlightening diagrams and useful Internet links, these engaging books provide a fascinating journey of discovery for pupils.

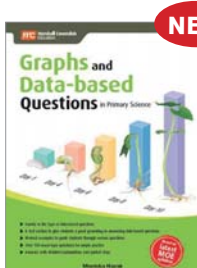
Science PSLE Revision Guide (2nd Edition)



**Science PSLE
Revision Guide
(2nd Edition)**
9789810113315

With over 100,000 copies sold for its first edition, this is the most complete handbook developed to prepare pupils for success in the PSLE (Year 6 Elementary School Examination). The book is specially designed to help pupils develop a deeper understanding of key Science concepts and hone their application of process skills.

Graphs and Data-based Questions in Primary Science



**Graphs and
Data-based
Questions in
Primary Science**
9789810118723

This book aims to build confidence in pupils when attempting graph and data-based questions which regularly appear in school Science examination papers and the PSLE Science papers. The book enables pupils to process and understand data before applying their scientific knowledge and process skills. Pupils will also gain sufficient background, knowledge and practice to answer data-based questions. Over 150 exam-type questions are provided for pupils to test their mastery over data-based questions, together with detailed answers for all questions.

SUPPLEMENTARY Materials

Science MCQ in Focus



**Science MCQ
in Focus –
Lower Block**
9789810118730



**Science MCQ
in Focus –
Upper Block**
9789810118747

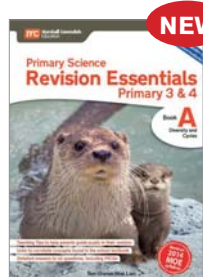
Written in accordance to the latest Primary Science Syllabus from the Ministry of Education, Singapore, this book features practice multiple-choice questions (MCQ) that have been arranged according to increasing levels of difficulty. With a range of simple to challenging questions, pupils will be able to reinforce the concepts learnt as well as develop higher-order thinking skills.

The book consists of four themes; Systems, Cycles, Energy and Interactions. Each theme consists of three worked examples and three practice papers. The worked examples allow pupils to understand and acquire the techniques needed in answering multiple-choice questions. Process skills required for each question are also highlighted to help pupils recognise the various skills involved as they practice. With these various features, this book will enable pupils to gain confidence in Science and the MCQ section in the examinations.

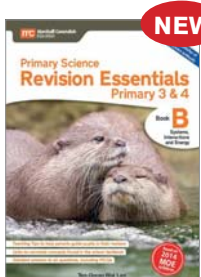
Primary Science Revision Essentials

This two-book study guide is designed to prepare pupils for school examinations. It contains multiple-choice questions and open-ended questions that will help to develop critical thinking and build exam confidence in pupils.

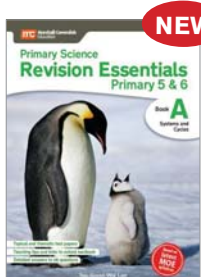
The books cover the four themes (Systems, Cycles, Energy and Interactions) specified in the latest Primary Science Syllabus. Topical and thematic test papers help parents and tutors better assess and improve pupils' knowledge and understanding of concepts learnt. It also includes a self-monitoring device to help pupils develop a structure when answering open-ended questions.



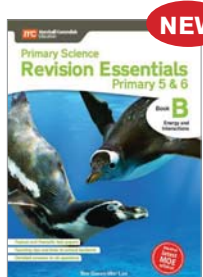
**Primary
Science Revision
Essentials P3&4
Book A**
9789810195939



**Primary
Science Revision
Essentials P3&4
Book B**
9789810195946

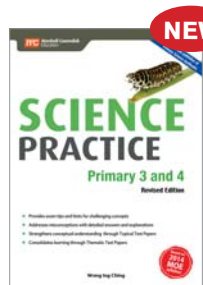


**Primary
Science Revision
Essentials
P5&6 Book A**
9789810118709

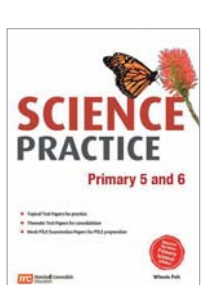


**Primary
Science Revision
Essentials
P5&6 Book B**
9789810118716

Science Practice



**Science Practice
Primary 3 & 4
(Revised Edition)**
9789810195977



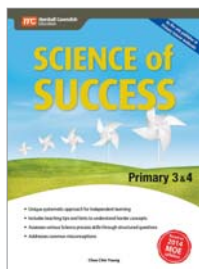
**Science Practice
Primary 5 & 6**
9789810115937

Science Practice is designed to be used as a revision and assessment companion for pupils to build and test their knowledge and understanding of Science concepts and process skills progressively, preparing them for the school examinations.

- Topical test papers are designed to test pupils on the application of concepts and process skills through questions of varying levels of difficulty so as to gauge their level of understanding of each topic
- Thematic test papers enable pupils to consolidate their understanding of the key concepts learnt in each theme
- Mock examination papers for the Primary 5 & 6 book allow pupils to be exposed to challenges posed in examinations, building their confidence level and preparing them for the final examination
- Detailed explanations for Multiple-Choice Questions are available in the answer keys to help pupils clarify misconceptions and rectify wrong application of concepts.

SUPPLEMENTARY Materials

Science of Success



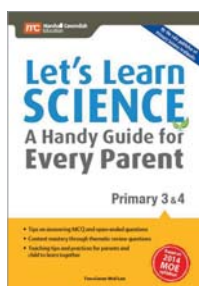
Science of Success
Primary 3 & 4
9789810195960

Science of Success is a study guide designed to help pupils build a strong foundation in Science in order to excel in their Science examinations. The content is organized in an interactive manner to stimulate critical thinking about the scientific aspects of the pupils' environment.

Effective learning in Science can be achieved with the following areas covered in each topic:

- Strong factual knowledge: The Factual Study section requires pupils to complete sentences on important facts with helping words. This exercise helps pupils recall and remember key words.
- In-depth conceptual understanding: The Concept Application section challenges pupils to form preliminary hypotheses on scientific claims before verifying with the correct scientific concepts.
- Precise answering skills: The Process Skills section allows pupils to practice answering open-ended questions using relevant process skills. Suggested answers are provided to demonstrate how the content can be presented in concise sentences.

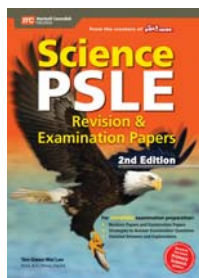
Let's Learn Science – A Handy Guide for Every Parent



Let's Learn Science
– A Handy Guide
for Every Parent
978981019610

Written by one of the authors of the best-selling title “Science PSLE Revision Guide”, this book aims to provide parents with essential information to begin the learning journey with their children. As Science is formally tested from Primary three onwards, many parents are concerned about assessments. To address these concerns, parents can guide their children through the worked examples and questions found in the book. The questions are similar to those found in the Science examination.

Science PSLE Revision and Examination Papers (2nd Edition)

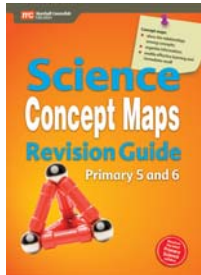


Science PSLE
Revision and
Examination
Papers
(2nd Edition)
9789810114725

This book is designed to help pupils apply their knowledge of concepts and process skills to examination-type questions to prepare for the PSLE (Year 6 Elementary School Examination). Pupils are able to build examination confidence through the various practice papers and develop effective strategies in answering examination-type questions.

SUPPLEMENTARY Materials

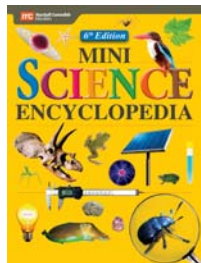
Science Concept Maps Revision Guide Primary 5 & 6



**Science
Concept Maps
Revision Guide
Primary 5 & 6**
9789810116286

This comprehensive guide helps pupils prepare quickly and effectively for school examinations and the PSLE (Year 6 Elementary School Examination). Key Science concepts are presented in the form of concept maps, enabling pupils to understand how one concept is linked to another through the use of linking words. Pupils are encouraged to think critically and assess the links between various concepts learnt, building their confidence to answer cross-topical and cross-thematic Science questions. Parents and teachers are also empowered to provide guidance through the detailed teacher/parent notes in the book.

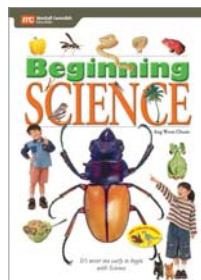
Mini Science Encyclopedia (6th Edition)



**Mini Science
Encyclopedia
(6th Edition)**
9789812854070

Written by a parent and an experienced Science educator, this encyclopedia was conceived to answer the many questions that children may ask as they go through the Primary Science programme in school. The five themes – Diversity, Cycles, Systems, Interactions and Energy – are amply covered. This book reinforces the children's natural curiosity, and they also learn more about Science and the world we live in.

Beginning Science



**Beginning Science
(6th Edition)**
9789812718846

This fun-filled activity book aims to stimulate the interest of children between the ages of 5 and 8 in Science. By working through the activities, they can acquire a wealth of scientific knowledge. This book is full of fun and has more than 300 colourful illustrations. It serves to test the children's power of observation. It also creates in them a positive response towards acquiring knowledge.

SUPPLEMENTARY Materials

Everyday Science



Everyday Science
9789810187477

This book is written by a team of experienced and dedicated Science teachers who saw the need to make links to what children learn in the classrooms and the real world around them. The book is an attempt to help children make sense of scientific concepts by relating them to their everyday lives. The teaching points are cleverly disguised within humorous conversations between cartoon characters, making for a positive learning experience for children at home or in school.