Textbook Stage 1-6

Workbook Stage 1-6

Access to comprehensive Teacher's resources

- Teacher's guide (Lesson plan, scheme of work, printables)
- Specimen testpapers
- Topical worksheets
- Enrichment worksheets
- Reinforcement worksheets
- STEM activities
- Weblinks
- Answer keys
- Flash cards
- Manipulative list
- Online access (www.AlstonDigital.sg)

Alston Education Pte Ltd

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Active Science

Unique learning experience to develop scientific thinkers

- Combination of Singapore approach to teaching of science with the new Cambridge Primary Science (0097) Curriculum
- Scientific investigation and concept development are facilitated using the Singapore approach of inquiry-based hands-on and experiential learning
- Singapore approach to science teaching is proven with the strong performance of Singapore students in international TIMSS Science assessments, ranking 1st in 2015 and 2019

Active Science

Focuses on developing learners "Thinking and Working Scientifically" skills using Problem-based Learning (PBL) instructional strategy

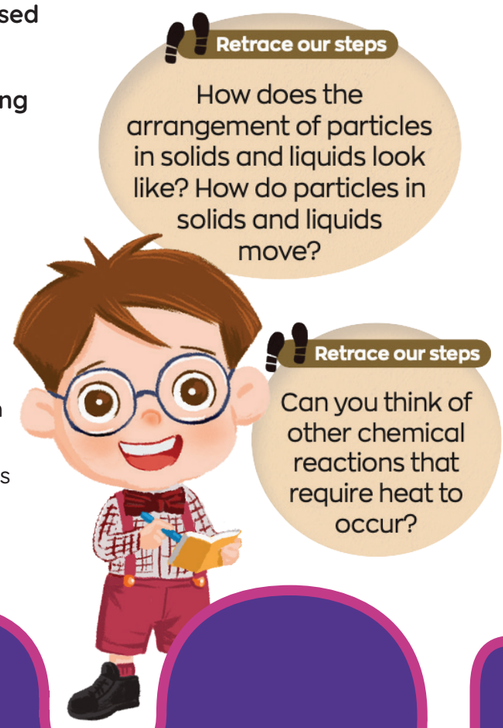
Consists of Active Learning activities for building content knowledge and developing critical thinking skills

1 Examine the problem scenario

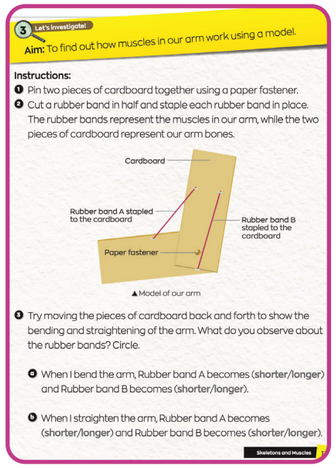
- Providing an interesting real-world problem to spark the curiosity of learners
- Gathering clues to infer possible solutions

2 Recall prior knowledge

- Prompting learners to recall scientific concepts learnt



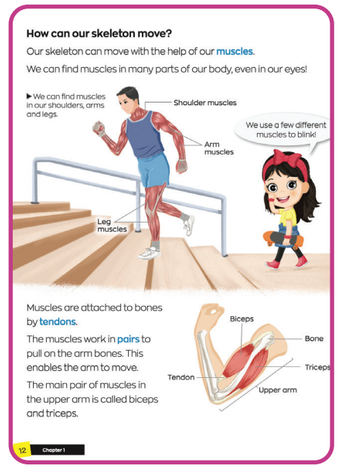
3 Explore scientific concepts



- Carrying out, observing and explaining components in the investigation
- Building and developing scientific investigation skills

4 Learn scientific concepts

- Understanding the formal scientific terms through explanation and diagrams

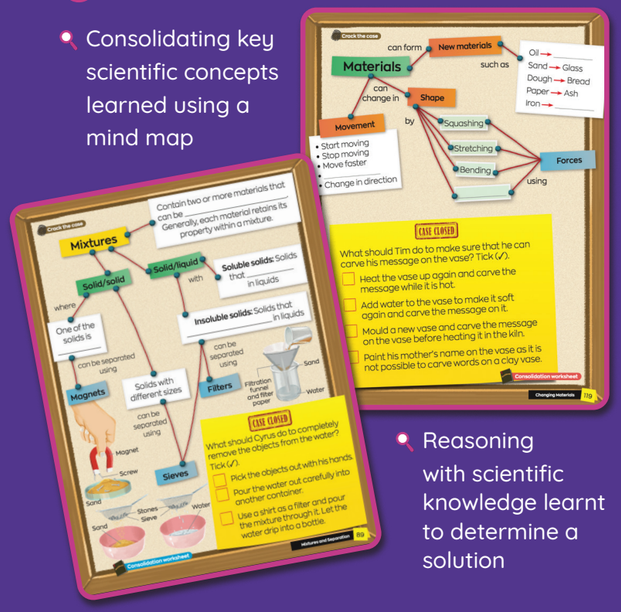


5 Elaboration of scientific concepts

- Applying scientific knowledge learnt through collaboration and discussion

6 Solve the problem

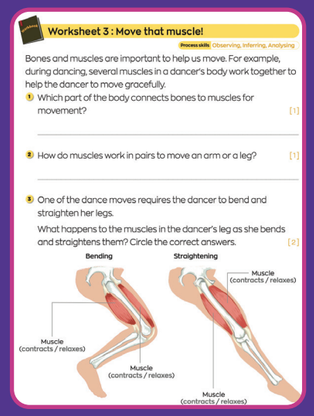
- Consolidating key scientific concepts learned using a mind map



- Reasoning with scientific knowledge learnt to determine a solution

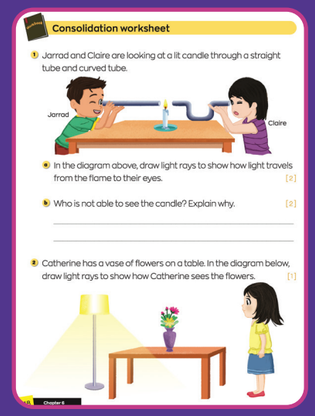
7 Understand scientific concepts

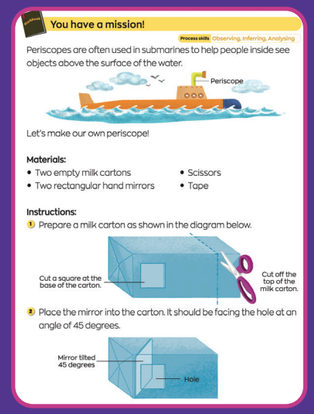
- Practising immediate reinforcement questions
- Applying scientific concepts learnt through questions of varied difficulties



8 Review and reflect

- Evaluating the understanding of the learning objectives in the chapter





- Assessing learning through an explorative alternative assessment

9 Prepare for tests

- Providing opportunities for learners to gain exam confidence