



2022

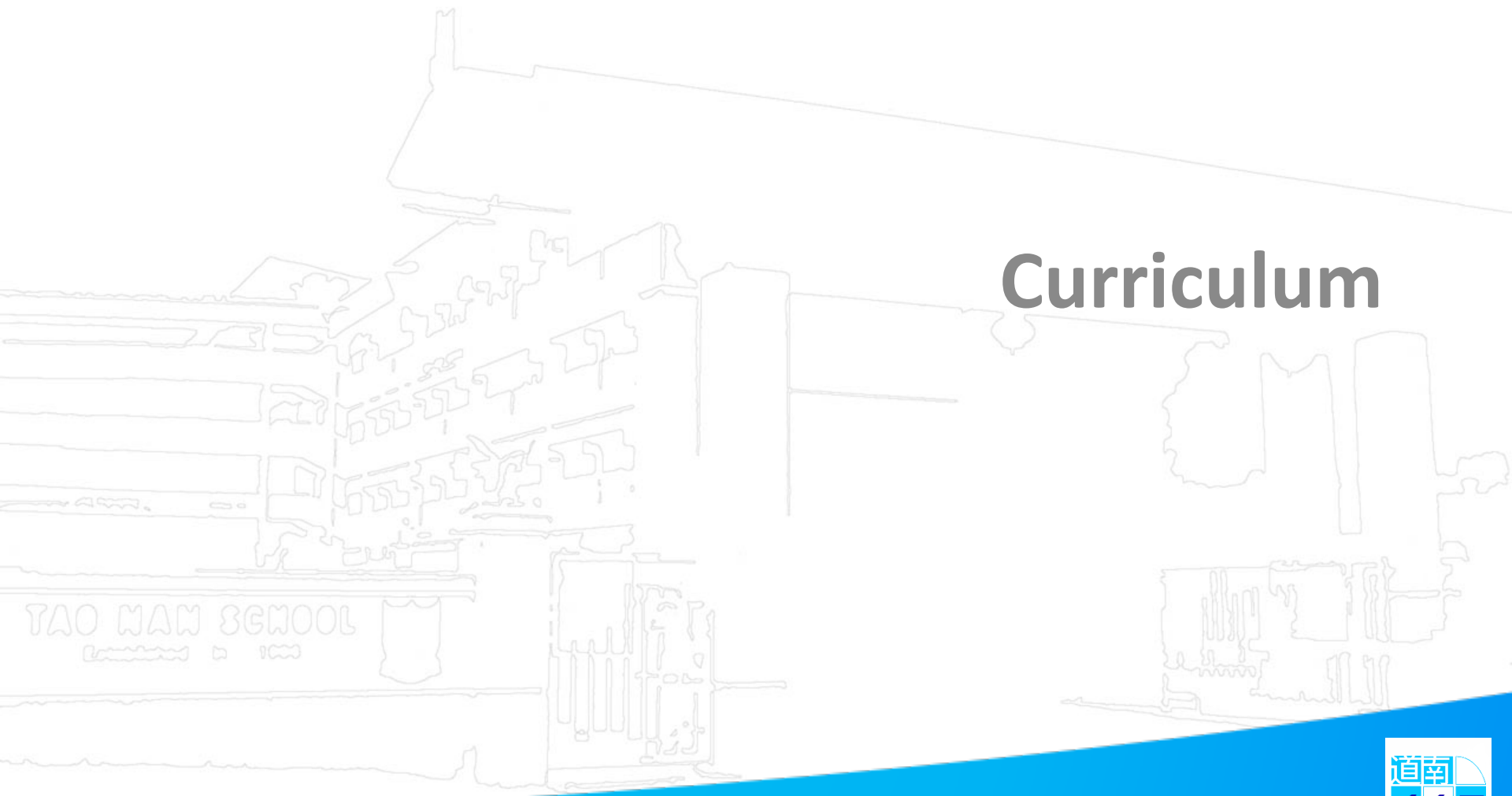
P3 Science Curriculum

Information





Curriculum



Themes and Topics Covered in P3

Theme	Topic
Diversity	<ul style="list-style-type: none">• Classification: Living things and non-living things• Plants• Animals• Fungi and bacteria• Exploring materials





Pedagogy



Teaching Strategies

- **Inquiry-Based Learning approach (IBL)** incorporating **Differentiated Instructions (DI)**
- **L.A.S.E.R.** program
- **Teaching Resources** from Internet, PowerPoint slides, Science-based videos and Science Simulations.
- **Hands-On Experience**
 - ✓ Laboratory Experiments
 - ✓ Outdoor experiential learning experiences
- **Learning Journey**
(Subject to COVID-19 SMM)



Inquiry-Based Learning

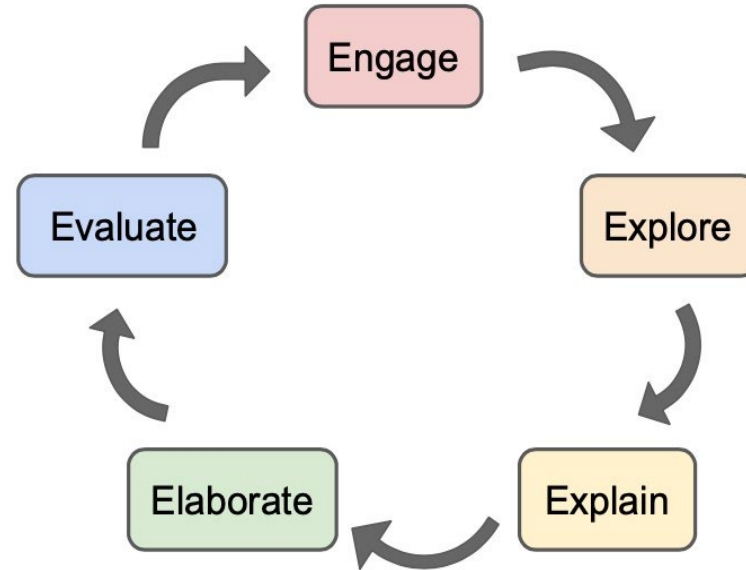


Figure 1: 5Es in Inquiry-Based Learning

Inquiry-Based Learning (IBL) approach is adopted in the learning of Science. The process of [inquiry](#) is facilitated by teachers who would help students make connections and build their understanding of Science concepts using the 5Es – Engage, Explore, Explain, Elaborate and Evaluate.

L.A.S.E.R. Program

- **L.A.S.E.R** stands for **Learners' Assembly for Science Examination Requirements**
- **Progressively equips** students with strategies and techniques to handle examination questions **from P3 to P6**
- **Expose** students to different question types and problem stimuli.
- **Empower** students with necessary skills and knowledge to understand and answer examination questions proficiently.
- **L.A.S.E.R.** worksheets would complement the PowerPoint teaching slides used in the classroom .



Materials used

- My Pals Are Here Textbooks & Activity books (Except Interaction Activity book)
- Topical Science Notes
- Topical Worksheets and Concept maps
- L.A.S.E.R. Worksheets
- EOY practice paper of previous year





Assessment



2022 Assessment Overview

P3 Science	Term 2	Term 3	Term 4		
	Weighted Assessment 1 15%	Weighted Assessment 2 15%	Practical Test 7%	End-of-Year Examination 63%	
Topics Tested	Diversity – Classification, living things & non-living things, animals, plants, fungi and micro-organisms	Diversity - Materials	P3 Diversity, Interaction, System & Process Skills	All P3 themes (Diversity, Interaction, System)	
Duration of paper	30 min	45 min	30 min	1 h 10 min	
Paper/Booklet	Bite-Sized Assessment	Performance Task	Practical Test	Booklet A	Booklet B
Type of assessment	Short questions	Short questions	Practical test	Multiple choice questions	Open-ended questions
No. of Questions	5 - 8	5 - 8	4	17	9-10
Marks per Question	1 - 4	1 - 4	4 - 6	2	2, 3, 4
Total for each booklet/paper	20	20	20	34	26
Total Marks	20	20	20	60	
Overall Weighting	30%		70%		
Total	100%				

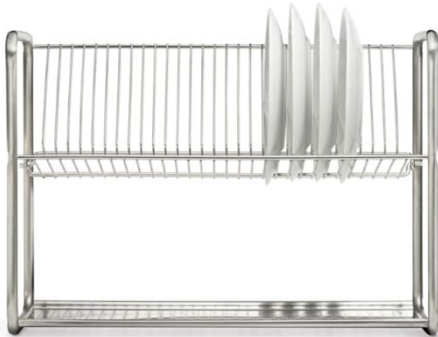




Home-School Partnership

Strategies to help your child

- a) Help your child to be familiar with the concepts/facts of the topics taught.
- b) Point out real life scenarios for your child to apply his/her Science concept.

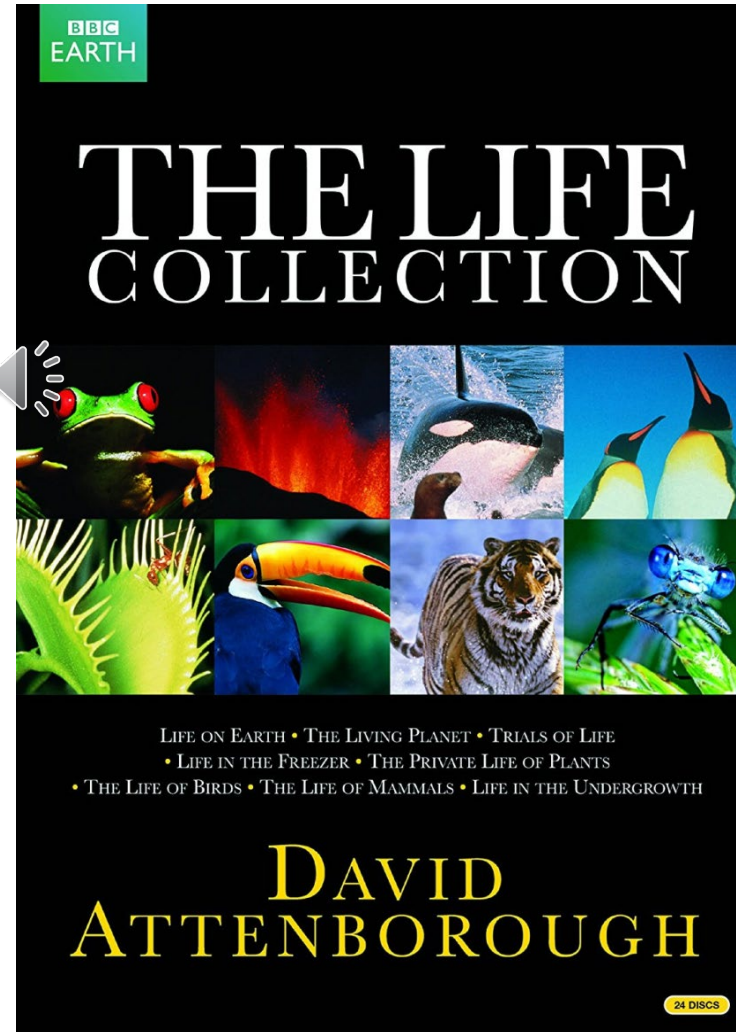
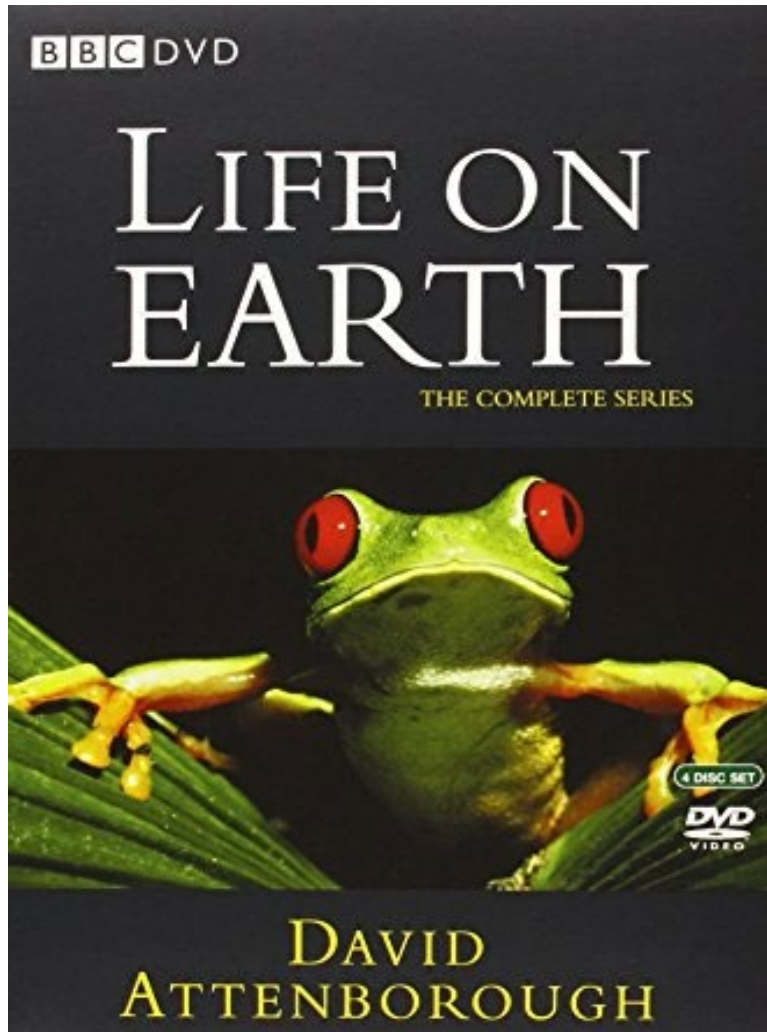


Strategies to help your child

- c) Ensure that all homework is carefully completed and submitted punctually.
- d) Encourage your child to read a wide variety of Science-related reading materials.



e) Encourage your child to watch Science documentaries. (Eg: Animal Planets, National Geographic channels, and other BBC videos)





Thank you.

