

Saint Andrew's Junior School Science Department

Mission: To develop each Science pupil to be an inquirer, innovator and environmentalist

Vision: Inculcate in pupils a sense of wonder/curiosity and equip them with skills in exploring and discovering such that they aspire to make a positive impact in future



Nurturing the Holistic Thinker

PTA

Pose a problem
Teaching and learning
Application

ICT

Environment
as the third
teacher

5Es instructional
approach
incorporating MTV
(making thinking
visible)

Developing the
thinking dispositions
of a scientist



National Approach

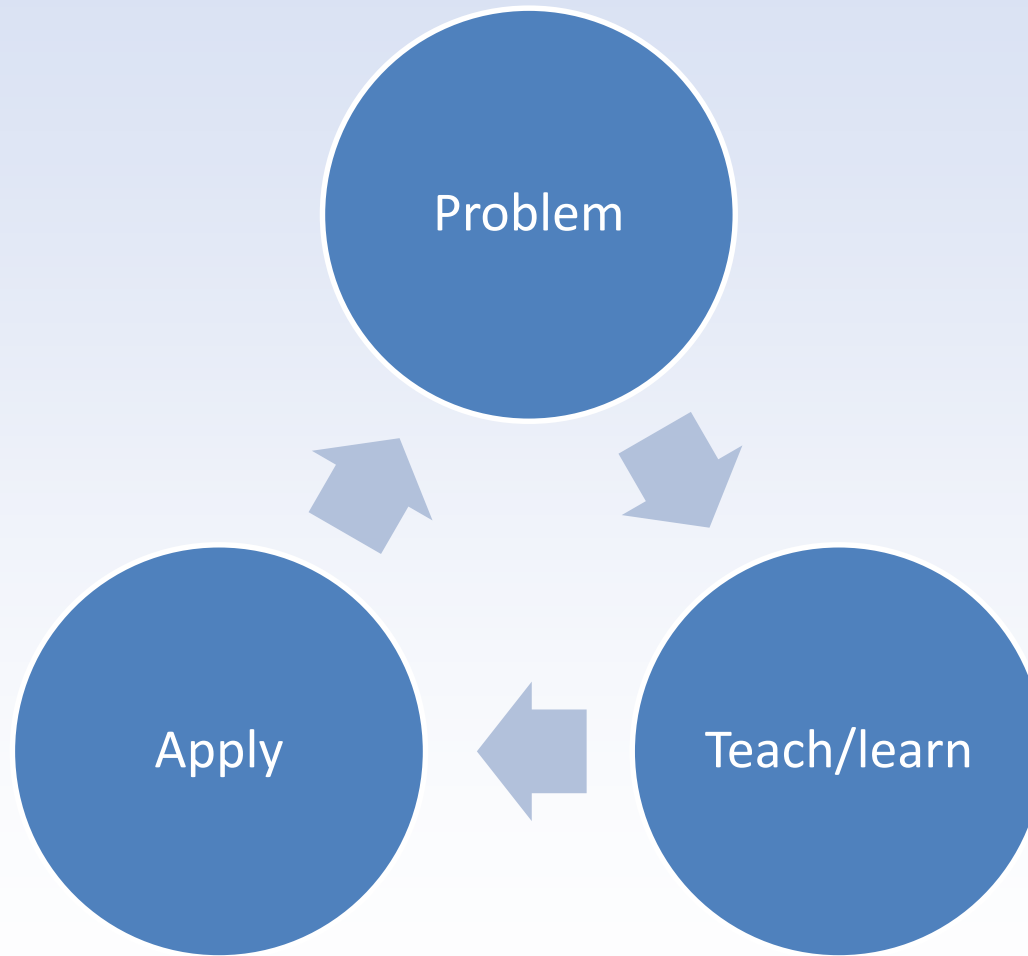
5Es pedagogical approach

- Engage
- Explore
- Explain
- Elaborate
- Evaluate



Science Pedagogical Process Flow

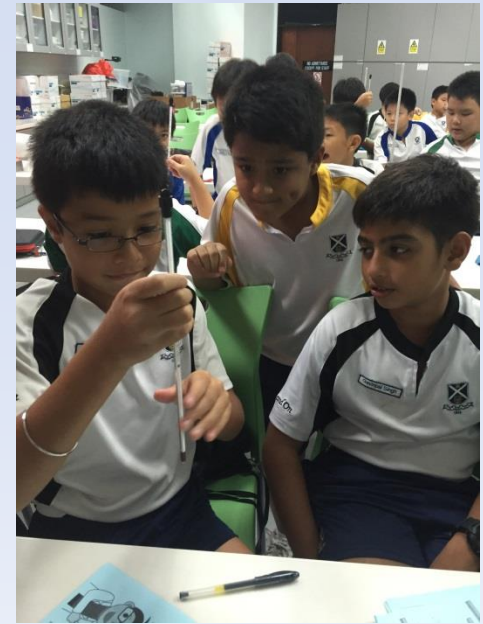
Problem (P), Teach/learn (T), Apply (A)



Developing the Skilled Communicator

Presentations

Group work



Format of SA1

Booklet	Item Type	No. of Questions	Weighting	Duration
A	MCQ	20	66.7% (40 marks)	1h 5min
B	Open-ended	7	33.3% (20 marks)	
Total		27	100% (60 marks)	



Format of SA2

Booklet	Item Type	No. of Questions	Weighting	Duration
A	MCQ	25	62.5% (50 marks)	1h 25min
B	Open-ended	10	37.5% (30 marks)	
Total		35	100% (80 marks)	



Home routines that can support learning of Science

- Linkage of Science to everyday activities or phenomena.
- Guide him in research – information from books / websites
- Ensure that he completes all assignments / corrections.



Resources

- Class Science Website
- Science Notes
- Weekly MCQ on LMS
- Supplementary Lessons
 - Answering techniques
 - A.I.S (Ask questions, Identify Concepts, State Facts)
 - C.S.C (Claim, Support, Conclude)
 - National Geographic Magazines
- Guide books
 - Science PSLE Revision Guide
- Green File



Thank you!

