

# 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

**P**ose a problem  
**T**eaching and learning  
**A**pplication

ICT

Environment  
as the third  
teacher

**5Es** instructional  
approach  
incorporating MTV  
(making thinking  
visible)

Developing the  
thinking dispositions  
of a scientist



# National Approach

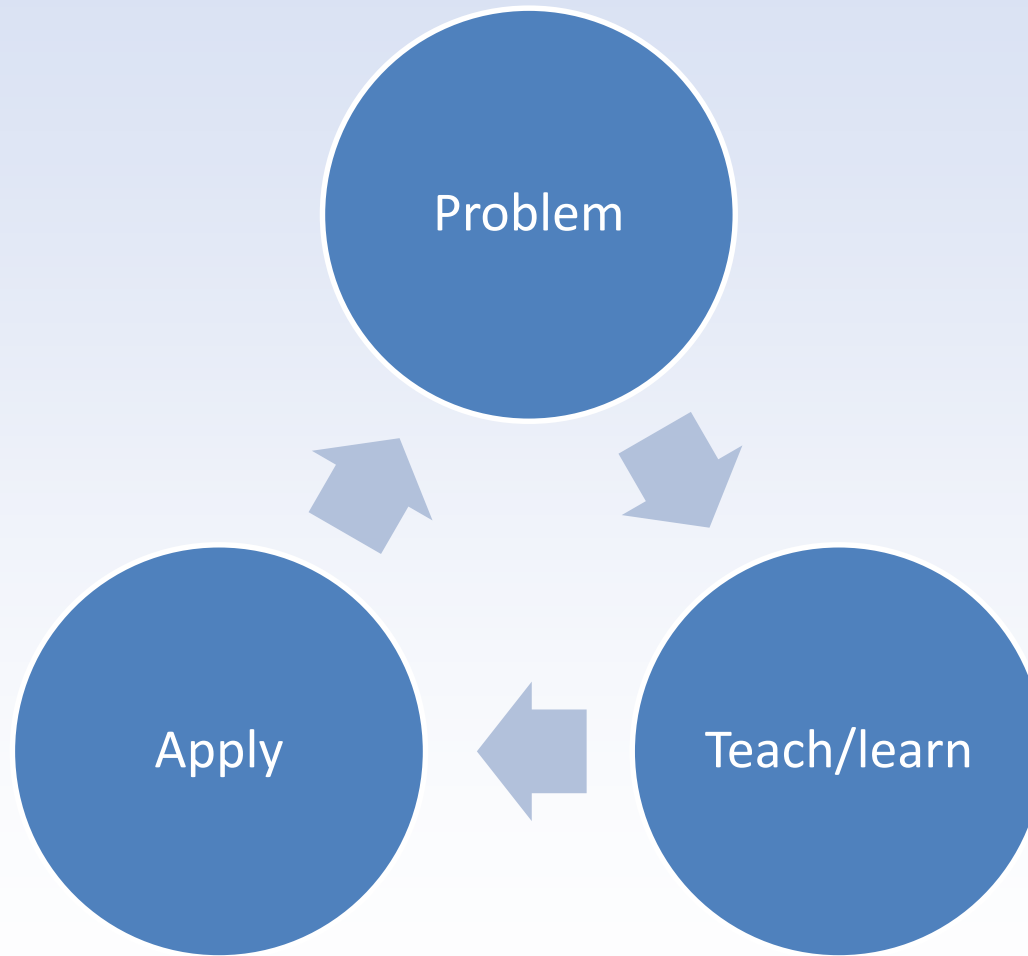
## 5Es pedagogical approach

- Engage
- Explore
- Explain
- Elaborate
- Evaluate



# Science Pedagogical Process Flow

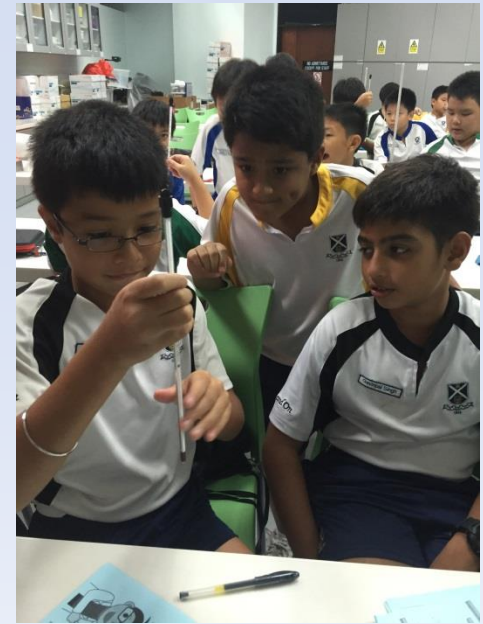
## Problem (P), Teach/learn (T), Apply (A)



# Developing the Skilled Communicator

**Presentations**

**Group work**



# Format of SA1 and SA2

Booklet	Item Type	No. of Questions	Weighting	Duration
A	MCQ	30	60% (60 marks)	1h 45min
B	Open-ended	14	40% (40 marks)	
<b>Total</b>		44	100% ( 100 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!**

