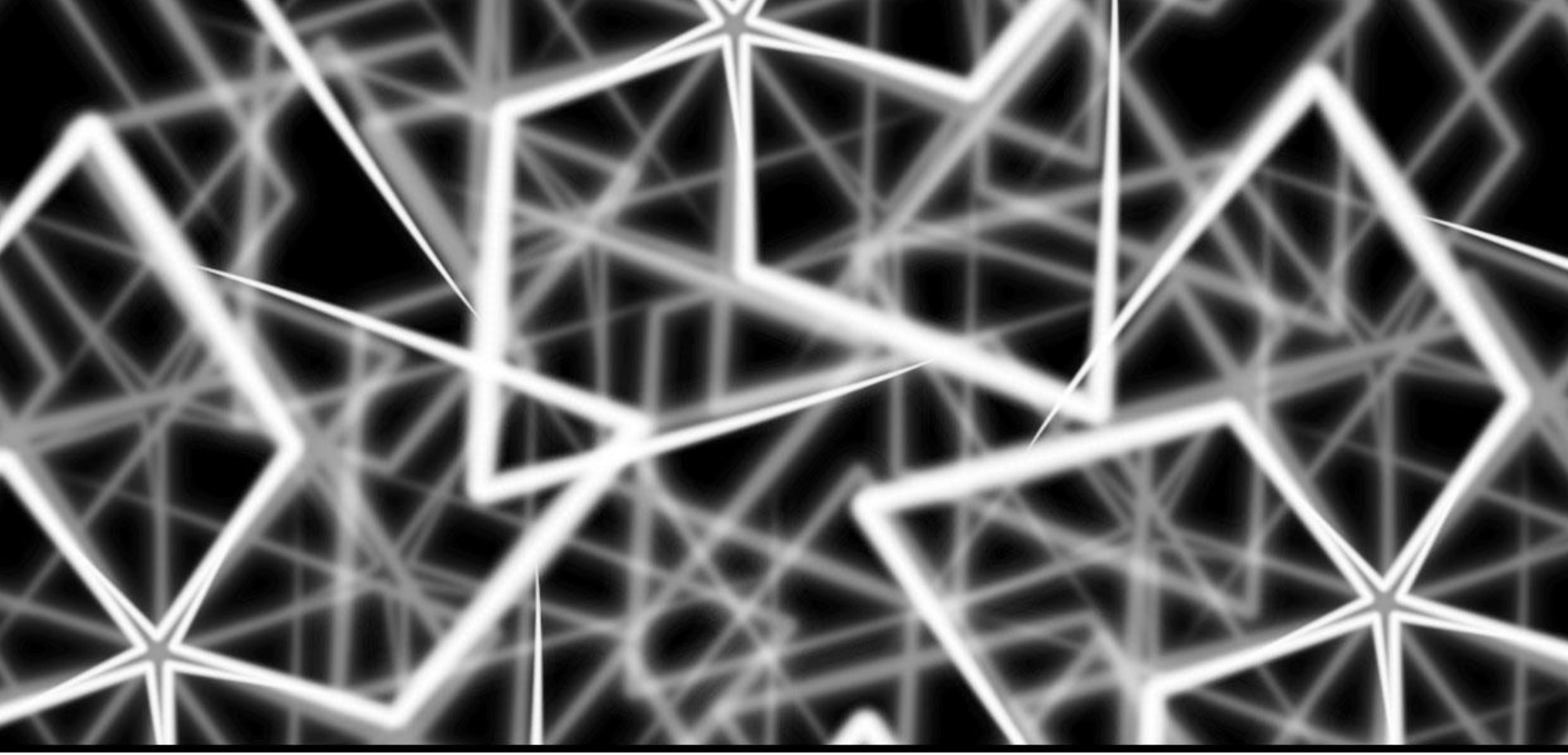

P6 Parents' Sharing

Preparing for PSLE Science

Format of Paper (Standard Course)

Section	Item Type	No. of Qns	Marks per Qn	Weighting
A	MCQ	28	2	56%
B	OE	12 or 13	2, 3, 4 or 5	44%

Duration of Paper : 1h 45 min

Distribution of Marks

According to Syllabus Content	
Life Science	45% - 55%
Physical Science	45% - 55%

According to Assessment Objectives	
Knowledge with Understanding	~ 40%
Application of Knowledge & Process Skills	~ 60%

Implications

- Accurate understanding of concepts is extremely important
  - ✓ ***MAKE CONNECTIONS*** between concepts learnt (Magnets / Electricity, Materials / Heat and Energy / Global Warming)
  - ✓ ***APPLY*** concepts in new situations (P6 Toy Project)
  - ✓ ***GIVING REASONS*** for choices made
- Revision of concepts learnt from P3 to P5

Tackling PSLE Science Questions

- Read the question carefully
- Familiar diagram does not mean familiar question – Do not assume
- **HIGHLIGHT** – Examples of what to highlight include
  - ✓ Aim of experiment
  - ✓ Differences between 2 set-ups shown
  - ✓ Variables changed or kept the same in an experiment

Tackling PSLE Science Questions

- Take time to visualize what is happening or draw a diagram of the description of the scenario in the question
- What topic / concept is the question based on? (Heat Transfer? Rate of Evaporation?)
- Study key information carefully
  i.e. diagrams, tables, graphs

Tackling PSLE Science Questions

- For **Electricity** questions, trace the path of electric current from battery
- In **Forces**, note the "extension of spring" vs "length of spring"
- In questions involving **Photosynthesis**, note the conditions that plants are placed in E.g. 'in the light' vs 'in the dark'

Tackling PSLE Science Questions

- MCQs make up 56% of the final grade
- For MCQs, find out the answer and write it down (in point form) BEFORE checking against the 4 options.
- For a particular MCQ
  - ✓ Tick and cross options
  - ✓ Writing T or F
  - ✓ Thought processes should be recorded quickly in pencil E.g. key concepts, keywords, equations, diagrams

Tackling PSLE Science Questions

- Open ended answers usually require students to
  - ✓ Describe (based on observation)
  - ✓ Make an inference / conclusion
  - ✓ State choice based on evidence
  - ✓ State evidence from data
  - ✓ Explanation
- Explanations must be based on Science concepts learnt

Tackling PSLE Science Questions

- Clarity in language

  Be clear & specific

  "... the location must be the same..."

  (variables can vary despite being in the same location)

  Should be phrased as

  "... Surrounding temperature must be the same..."

Tackling PSLE Science Questions

- Use scientific terms

  E.g. “attracted” instead of “stick” or “attach” magnetic objects to magnets

- Light is “reflected off” instead of “bounced off”

- Answer **in context** to the question by highlighting keywords in the stem of the question.

  Do not make **general** statements.

Tackling PSLE Science Questions

- Read widely, beyond the textbook

  E.g. Singapore Scientist
  Helps to understand how concepts can be applied in varied contexts

- WATCH SCIENCE Programmes
  - ✓ E.g. Animal Planet and Discovery Channel
  - ✓ Some of the most interesting and challenging PSLE questions are on topics of animal and plant adaptations