



No Foundation English Language

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No Foundation Mother Tongue Languages

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Foundation Mathematics

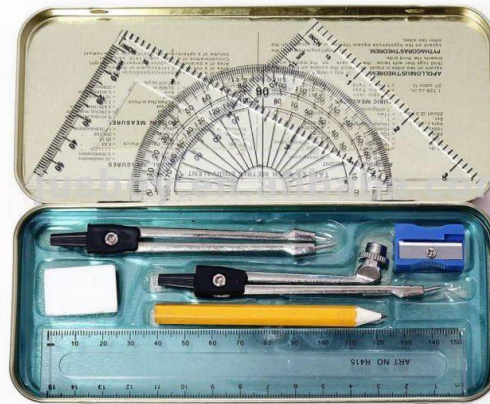
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Format of Paper

Paper	Booklet	Item Type	Number of questions	Number of marks per question	Total marks	Duration
1	A	Structured	10	1	10	1 h
	B					
2					14	45 min
Total					80	1 h 45 min

Essential Tools for EXAM

- CALCULATOR
- MATHEMATICAL SET





Additional Resources Used

- Topical Worksheet
- Heuristics Worksheet
- Mental Math

P5 Math Programme

- Fortnightly Math Quiz
- Math Trail
- Play and Learn Math (PALM): Making Math Video
- Math Fun Week



Focus

To strengthen the following basic skills

- Four operations of whole numbers, fractions and decimals.
- Conversion e.g. kilograms to grams; fractions to percentage; decimals to fractions
- Math facts e.g. multiplication table

Students who can cope with basic questions, they will be stretched further

Heuristic skills e.g. identifying a pattern

Problem solving strategies e.g. model drawing

Spatial Visualisation e.g. drawing of figures

Reasoning and communication skills e.g. Journal writing

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Foundation Science

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Teaching and Learning of Science

- These are the **3 areas** to master:

Knowledge (Content)

Students need to know and understand:

- (a) Scientific facts, concepts and principles
- (b) Scientific terminology and conventions
- (c) Scientific instruments and apparatus

Scientific Inquiry

Students need to learn how to:

- (a) Make predictions and formulate hypotheses
- (b) Interpret and analyse information (including pictorial, tabular and graphical)
- (c) Evaluate observations, information and methods
- (d) Communicate explanations with reasoning



Application of Knowledge and Scientific Inquiry

Students use knowledge and scientific inquiry to analyse information, investigate and solve problems.



Format of Paper

- The mastery of the **3 areas** can be demonstrated in:
 - One written paper comprising two booklets:
Booklets A and Booklet B

Format of Paper (Foundation)

Booklet	Duration	Item Type	No. of questions	Marks per question	Marks
A	1h 15mins	Multiple-choice	20	2	40
B		Short Response and Structured	9 - 11	2 - 4	30



Student Learning Experiences

How do we provide the best learning experience for our students to master the **three areas**?

Engage students

- Hands-on investigation to explore concepts (Inquiry Based Learning)



Provide opportunities for Practice, Review and Revision

- Wrap-up and sense-making packages:
 - Science Process Skills
 - MCQ Companion
 - Concept Mastery/School-Based Assessment



Use strategies to support student learning



- **SLPS** to answer science questions:
Sudy question, Link to concepts, Plan answer, Sudy answer
- **CER** to construct explanation: **C**laim, **E**vidence, **R**easoning
- **#Concepts** to support students in retrieving concepts

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Thank You

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