



ESTABLISHED 1932

XINGNAN PRIMARY SCHOOL

5 Jurong West Street 91, Singapore 649036

Tel: 67913679

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Website: www.xingnanpri.moe.edu.sg

2022 TERM 4 LEARNING PLAN

PRIMARY 5

MATHEMATICS

| S/N | Topic(s)/ Skill(s) | Learning Outcomes | Reference Materials |
|-----|--------------------|--|---|
| 1 | Geometry | <p>Angles</p> <ul style="list-style-type: none">- Angles on a straight line- Angles at a point- Vertically opposite angles- Finding unknown angles <p>Triangle</p> <ul style="list-style-type: none">- Properties of<ul style="list-style-type: none">• Isosceles triangle• Equilateral triangle• Right-angled triangle- Angle sum of a triangle- Finding unknown angles in geometric figures without additional construction of lines <p>Parallelogram, Rhombus and Trapezium</p> <ul style="list-style-type: none">- Properties of<ul style="list-style-type: none">• Parallelogram• Rhombus• Trapezium- Finding unknown angles without additional construction of lines | <p>Textbook Workbook Ch 11, 12 & 13</p> <p>Topical WS</p> |



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2022 TERM 4 LEARNING PLAN PRIMARY 5

FOUNDATION MATHEMATICS

| S/N | Topic(s)/ Skill(s) | Learning Outcomes | Reference Materials |
|-----|--------------------|---|--|
| 1 | Measurement | <p>Area and Perimeter</p> <ul style="list-style-type: none"> - Concept of area and perimeter of a plane figure - Measuring area in square units, cm^2 and m^2, excluding conversion between cm^2 and m^2 - Area and perimeter of rectangle/square - Finding one dimension of a rectangle given the other dimension and its area/perimeter - Finding the length of one side of a square given its area/perimeter - Finding the area of figures made up of rectangles and squares <p>Volume of Cube and Cuboid</p> <ul style="list-style-type: none"> - Building solids with unit cubes - Measuring volume in cubic units, cm^3 and m^3, excluding conversion between cm^3 and m^3 - Drawing cubes and cuboids on isometric grid | <p>Textbook Workbook Ch 10</p> <p>Topical WS</p> |
| 2 | Rate and Speed | <p>Rate</p> <ul style="list-style-type: none"> - Rate as the amount of a quantity per unit of another quantity - Finding rate, total amount or number of units given the other two quantities - Solving up to 3-step word problems involving rate | <p>Textbook Workbook Ch 11</p> <p>Topical WS</p> |



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| S/N | Topic(s)/ Skill(s) | – Learning Outcomes | Reference Materials |
|-----|--|---|---|
| 3 | Data Representation and Interpretation | Tables, Bar Graphs and Line Graphs – Reading and interpreting data from tables/graphs – Completing a table from given data – Solving 1-step problems using data from tables/graphs | Textbook Workbook Ch 12 Topical WS |



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2022 TERM 4 ASSESSMENT MATTERS

PRIMARY 5 END-OF-YEAR EXAMINATION

- Pupils need to bring their **Mathematical instrument sets** and **approved calculators** for the Mathematics examination. These items will not be provided by the school.
- If your child/ward is ill, it is advisable for him/her to see a doctor and rest at home. Any absence from a paper due to medical reasons must be covered by a valid medical certificate which should be submitted to your child/ward's form teacher upon his/her return to school. Your child/ward will not be disadvantaged as the final marks will be pro-rated.
- Absence from any assessment that is not covered by a medical certificate will render your child/ward not getting any mark for that paper.



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Table of Specifications

Primary 5 Standard Mathematics

Number and Algebra:

Chapter 1 – Whole Numbers

Chapter 2 – Four Operations of Whole Numbers

Chapter 3 – Fractions

Chapter 6 – Ratio

Chapter 7 – Decimals

Chapter 8 – Rate

Chapter 9 – Percentage

Measurement and Geometry:

Chapter 4 – Area of Triangle

Chapter 5 – Volume

Chapter 11 – Angles

Chapter 12 – Properties of Triangles

Chapter 13 – Properties of Parallelogram, Rhombus and Trapezium

Statistics:

Chapter 10 – Average



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Primary 5 Standard Mathematics

| Paper | Booklet | Item Type | No. of Qns | No. of Marks per Qns | Marks | Period | Duration |
|-------|---------|-----------------------------------|------------|----------------------|-------|------------|------------|
| 1 | A | Multiple Choice Question | 10 | 1 | 10 | 27 October | 1 h |
| | | | 5 | 2 | 10 | | |
| | B | Short Answer Question | 5 | 1 | 5 | | |
| | | | 10 | 2 | 20 | | |
| 2 | | Short Answer Question | 5 | 2 | 10 | | 1 h 30 min |
| | | Structured / Long Answer Question | 12 | 3, 4, 5 | 45 | | |
| Total | | | 47 | - | 100 | | |



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Primary 5 Foundation Mathematics

Number and Algebra:

- Chapter 1 – Whole Numbers I: Numbers up to 10 million
- Chapter 2 – Whole Numbers II: Four Operations
- Chapter 3 – Whole Numbers III: Factors and Multiples
- Chapter 4 – Fractions I: Fractions and Mixed Numbers
- Chapter 7 – Fractions II: Addition, Subtraction and Multiplication
- Chapter 8 – Decimals I: Introduction
- Chapter 9 – Decimals II: Four Operations
- Chapter 11 – Rate

Measurement and Geometry:

- Chapter 5 – Geometry
- Chapter 6 – Time
- Chapter 10 – Perimeter, Area and Volume

Statistics:

- Chapter 12 – Tables and Graphs



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| | | | 10 | 2 | 20 | | |
| | B | Short Answer Question | 10 | 2 | 20 | | |
| 2 | | Short Answer Question | 10 | 2 | 20 | | 1 h |
| | | Structured Question | 6 | 3, 4 | 20 | | |
| Total | | | 46 | - | 90 | | |