MATHEMATICS

FIRST TERM JSS 3

WEEK	TOPIC / CONTENT	ACTIVITIES
1	**BINARY NUMBERS** i. Addition and subtraction of binary numbers ii. Multiplication and division of binary numbers iii. Solving Quantitative Reasoning problems on binary numbers.	**Students:** i. Add binary numbers ii. Subtract binary numbers iii. Multiply binary numbers iv. Divide given binary numbers v. solve Quantitative Reasoning problems **Instructional Resources:** Flash cards
2	**BINARY NUMBERS CONT.** i. Conversion from base ten to binary ii. Conversion from binary to other bases. iii. Applying binary numbers as two way classification system using punch card. iv. Using computer to do simple mathematical calculations.	**Students** a. change numbers from base 10 to base 2. b. change base 2 numbers to base 10 or any required base. **Instructional Resources:** a. Flash cards showing a typical conversion from base 10 to base 2. b. Punch cards.
3	**DIRECT AND INVERSE PROPORTION** i. Direct proportion ii. Indirect proportion iii. Apply direct and inverse proportions to practical problems.	**STUDENTS:** i. Solve problems on direct and inverse proportion including practical problems. **Instructional Resources:** Direct and inverse proportions chart
4	**RATIONAL AND NON-RATIONAL NUMBERS** i. Identifying rational and non-rational numbers. ii. Determining the approximate value of some non-rational numbers. iii. Determining the approximate value of pi. iv. Finding reciprocals.	**Students:** a. Identify rational numbers amongst a set of given numbers. b. Determine practically the approximate value of some non-rational numbers. **Instructional Resources:** Chart showing some non-rational numbers.
5	**PLANE FIGURES** Problems in measuration involving: i. Area of triangles ii. Area of parallelograms iii. Area of trapezium iv. Area of circles and sectors v. Word problems involving area.	**Students:** a. Derive formula for area of triangles. b. Use formula to find the area of parallelograms, trapezia and circles. c. Solve Quantitative problems on areas. **Instructional Resources:** Models of indicated shapes (Triangles, Circles etc.)
6	**FACTORIZATION OR ALGEBRAIC EXPRESSION** Factorization of expressions of the form: i. $ax+ay$ ii. $3m+pq+3p+mq$ iii. $a^2 - b^2$ iv. $a^2 - 2ab + b^2$ v. Word problems involving factorization.	**Students:** a. Factorize simple algebraic expressions b. Use the quadratic equation box to factorize quadratic expression. **Instructional Resources:** a. Quadratic equation box b. Flash cards of problems.
7	**EQUATIONS INVOLVING FRACTIONS**	**Students:**

Jss 3 Maths 3rd Term Scheme Of Work

Liying Dong

Jss 3 Maths 3rd Term Scheme Of Work:

The book delves into Jss 3 Maths 3rd Term Scheme Of Work. Jss 3 Maths 3rd Term Scheme Of Work is a vital topic that needs to be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Jss 3 Maths 3rd Term Scheme Of Work, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:

    - Chapter 1: Introduction to Jss 3 Maths 3rd Term Scheme Of Work
    - Chapter 2: Essential Elements of Jss 3 Maths 3rd Term Scheme Of Work
    - Chapter 3: Jss 3 Maths 3rd Term Scheme Of Work in Everyday Life
    - Chapter 4: Jss 3 Maths 3rd Term Scheme Of Work in Specific Contexts
    - Chapter 5: Conclusion

2. In chapter 1, this book will provide an overview of Jss 3 Maths 3rd Term Scheme Of Work. This chapter will explore what Jss 3 Maths 3rd Term Scheme Of Work is, why Jss 3 Maths 3rd Term Scheme Of Work is vital, and how to effectively learn about Jss 3 Maths 3rd Term Scheme Of Work.
3. In chapter 2, this book will delve into the foundational concepts of Jss 3 Maths 3rd Term Scheme Of Work. The second chapter will elucidate the essential principles that need to be understood to grasp Jss 3 Maths 3rd Term Scheme Of Work in its entirety.
4. In chapter 3, this book will examine the practical applications of Jss 3 Maths 3rd Term Scheme Of Work in daily life. This chapter will showcase real-world examples of how Jss 3 Maths 3rd Term Scheme Of Work can be effectively utilized in everyday scenarios.
5. In chapter 4, this book will scrutinize the relevance of Jss 3 Maths 3rd Term Scheme Of Work in specific contexts. The fourth chapter will explore how Jss 3 Maths 3rd Term Scheme Of Work is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, the author will draw a conclusion about Jss 3 Maths 3rd Term Scheme Of Work. The final chapter will summarize the key points that have been discussed throughout the book.
   This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Jss 3 Maths 3rd Term Scheme Of Work.

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