

2021

MATHS SCHEME OF WORK

2ND TERM 2021

This document consist of weekly Mathematics scheme of work for JHS (J.H.S. 1, 2 and 3) prepared by myEduAid-Ghana; an NGO whose focus is providing Educational Support. For more info visit www.myeduaidghana.org or call or Whatsapp 0246068674/ 0247171345. You can also send a mail to exams@myeduaidghana.org

myEduAid-Ghana
NGO

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MATHS WEEKLY SCHEME OF WORK FOR J. H. S. ONE (B. 7)

WEEK	TOPIC	REMARK
1	Reopening, registration, cleaning and revision	RECOVERY WEEKS
2	DATA Data collection, organization, presentation, interpretation and analysis. Create, label and interpret line graphs to draw conclusions	
3	Data collection, organization, presentation, interpretation and analysis. Determine whether a given set of data can be represented by a line.	
4	Graph (continuous) or a series of a point (discrete data) and explain why. Apply understanding of how to create a line graph using a given table of a values to draw a line graph.	
5	Select and justify and use appropriate methods of collecting data, including questionnaire, interview, observation etc.	
6	CHANGE OR PROBABILITY Demonstrate an understanding of probability by identifying all possible outcomes of a probability experiment.	
7	NUMBER Number and Numeration Systems	
8	Number and Numeration Systems Model number quantities more than 1,000,000,000 using graph sheets, isometric papers and multi-base blocks	
9	MID-SEMESTER	
10	Number and Numeration Systems Compare and order whole numbers more than 1,000,000,000 and represent the comparison using ">, <, or ="	
11	Round (off, up, down) whole numbers more than 1,000,000,000 to the nearest hundred-thousand, ten-thousands, thousands, hundreds and tens	
12	Round decimals to the nearest tenth, hundredth, thousandths, etc.	
13	Express decimal numerals to given significant and decimal places	
14	Multiply and divide given numbers by multiples of 10 including decimals and benchmark fractions	
15	Number and Numeration Systems Apply mental mathematics strategies and number properties used to do calculation	
16	Apply mental mathematics strategies to solve word problems.	
17	Fractions, Decimals and Percentages Determine and recall the percentages and decimals of given benchmark fractions (i.e. tenths, fifths, fourths, thirds and halves) and use these to compare quantities.	
18	Fractions, Decimals and Percentages Compare and order fractions (i.e. common, percent and decimal fractions up to thousandths) limit to the benchmark fractions.	
19	REVISION	
20	EXAMS	

MATHEMATICS WEEKLY SCHEME OF WORK FOR J. H. S. TWO (J.H.S.2)

WEEK	TOPIC	REMARK
1	Reopening, registration, cleaning and revision	RECOVERY WEEKS
2	Integers Concept of integers and locating integers on a number line Compare and order integers	
3	Decimal fraction Converting common fractions to decimal fractions and vice versa.	
4	Decimal fraction Ordering decimal fractions, Operations on decimal fractions Approximation, standard forms	
5	Percentages Finding percentages of given quantity. Expressing one quantity as a percentage.	
6	Percentages Finding percentages of given quantity. Expressing one quantity as a percentage of a similar quantity.	
7	Collection and handling data (discrete) Collecting data (scores, heights, months). Handling data. Data (Discrete) Handling data (frequency distribution table)	
8	Collecting and Handling Data (Discrete) Mode, Median and Mean	
9	MID-TERMS	
10	Statistics Collecting & Handling Data. Sources of data, frequency table, Bar chart, pie, stem & leaf, chart block, interpreting tables and graphs.	
11	Statistics Collecting & Handling Data. Sources of data, frequency table, Bar chart, pie, stem & leaf, chart block, interpreting tables and graphs.	
12	Collecting & Handling Data. Sources of data, frequency table, Bar chart, pie, stem & leaf, chart block, interpreting tables and graphs.	
13	Rational numbers. Rational numbers on the number line. Rational and non-rational numbers. Comparing and ordering rational numbers	
14	Subsets of rational numbers relationship between the subset of rational numbers by using venn diagram.	
15	Mapping Idea of mapping, deducing rule for mapping, finding inverse mapping making a table of values for given rule	
16	Linear Equation & inequalities: Linear equation (mathematical sentences for word problems for given linear equations.	
17	Solving linear inequalities, solution sets of linear inequalities in a given domain. Illustrating solutions sets on number line.	
18	Measuring & drawing angles using the protractor. Types of angles in a triangle. Solving for angles in a triangle.	
19	REVISION WEEK	
20	EXAMS WEEK	

MATHEMATICS WEEKLY SCHEME OF WORK FOR J. H. S. THREE (J. H. S. 3)

WEEK	TOPIC	REMARK
1	Reopening, registration, cleaning and revision	RECOVERY WEEKS
2	Rates Rates as a ratio of one given quantity to another given quantity	
3	Rates Simple interest: Discount and commission	
4	Area and volume Area of a triangle Area of a circle	
5	Area and volume Volume of a cuboid Volume of a cylinder	
6	Area and volume Word problems involving area and volume	
7	Probability Outcomes of an experiment (equally likely outcome)	
8	Probability Probability of an outcome	
9	MID-SEMESTER	
10	Application of sets: Two set problems, complement of set.	
11	Subsets of a set up to 5 members Rules for number of subset	
12	Rigid Motion: Congruent shapes, translation of objects/ shapes by vector	
13	Reflection of object in a given mirror symmetrical shapes	
14	Rotation of shapes/objects about a point through a given angle.	
15	Rotation	
16	Line symmetry, rotational symmetry of objects/ shapes	
17	Enlargement and similarities: Enlargement of geometrical shapes, finding scale factor	
18	Properties of enlargement, similar figures: Scale drawing	
19	REVISION WEEK	
20	EXAMS WEEK	