



KNES Primary School Course Outline Year 6 Term 2 Numeracy

Term Overview

This term Year 6 students will deal mostly with fractions, decimals, percentages, weight, time, multiplication/division, line and rotational symmetry, ratio/proportion, interpreting data and coordinates in all four quadrants.

There will also be weekly tables and mental arithmetic tests to consolidate basic number skills. Homework will also be given daily and non-completion of homework will affect the student's final mark.

Class Rules:

Students, please remember:

- If you are absent, it is your responsibility to get your homework assignment from a classmate and submit it when you return.
- Homework left at home will be considered as not being done.
- If you miss a test or deadline on an assignment, you will receive 0% unless you can provide a letter from a medical doctor to show you were not able to attend.
- It is your responsibility to come to class with the necessary books and other items- they are of no value to you sitting at home.
- You are to use washrooms before school and during scheduled breaks. You are not to be asking to leave class to use the washroom except in 'emergencies' which should not occur often.
- When you hear the bell at the start of the day or at breaktime, line up immediately.
- Be sure to buy food in the cafeteria before the last minutes of your break; you cannot bring the food and/or drink into class.

Unit Outline Numeracy

Week	Task/Topic/Area	Learning Outcome. Students will be able to:-
1 -2	Fractions, decimals and percentages	<ul style="list-style-type: none">• Introduce thousandths, expressing measures as fractions eg. m as a fraction of km.• Mental multiplication and division of decimals• Revise multi/division of decimals• Round a 3 place decimal to the nearest tenth• Change a fraction to a decimal• Find a percentage of a quantity
3	Measures – Time and weight	<ul style="list-style-type: none">• Consolidate reading and writing times using 24 hour and 12 hour notation• Introduce world time zones in the context of using and applying• Interpret timetables• Estimate and measure time using a stopclock• revise reading and recording weights to the nearest mark on a scale• conduct practical estimating and weighing activities
4	Probability MID TERM TEST.	<ul style="list-style-type: none">• Introduce the language of probability• List possible outcomes of an event occurring• Represent probability as a fraction
5	Line and rotational symmetry	<ul style="list-style-type: none">• Revise reflecting simple shapes in a mirror line• Introduce rotational symmetry• Introduce using a compass to complete circle designs• Construct triangles using a compass and pencil
6	Ratio and Proportion	<ul style="list-style-type: none">• Use the language 'for every' to explain proportion• Express a given ratio in its simplest form• Divide a quantity into a given ratio
7	Multiplication/division	<ul style="list-style-type: none">• Revise standard methods of long multiplication and division• Decide what to do with remainders in word problems• Short division of numbers involving decimals

8	Coordinates	<ul style="list-style-type: none"> Plot coordinates in all four quadrants Read new coordinates after a reflection
9	Assess and review	Practice SATS papers
10	Exam week	
11	Remedial work	

Term Assessment Table for Numeracy

	Description	% of term mark
Assessment 1: Weekly mental arithmetic test	Each Thursday students will be given a mental arithmetic test	10% of final term grade
Assessment 2	SATS practice papers	20%
Assessment 3	On - going check ups throughout the term	10%
During complete term	Participation in classroom exercises and open discussions.	5%
During complete term	Completion of all Homework	5%
End of term Exam		50%