



## KNES Primary School Course Outline Year 3 Term1

Mathematics:

### Term Overview.

This term Year 3 students will deal with different concepts and challenges to apply the mathematics they have learned through: Daily Mathematics Lessons, Direct Interactive Teaching, Systematic Development of Knowledge and Understanding.

There will also be weekly check-up tests, topic assignments and assessments to ensure student achievement and continuous growth. We will be using the New Heinemann Mathematics textbooks and other supplementary materials from the library and internet.

ICT will be incorporated into lessons through the use of interactive math games.

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 Mathematics

Unit	Task/Topic/Area	Learning Outcome. Students will be able to:-
1	Numbers to 1000	<ul style="list-style-type: none"><li>• Read and write the numbers in figures and words- sequence to 1000</li><li>• Use Place value</li><li>• Order and estimate numbers</li></ul>
2	Addition and Subtraction to 100	<ul style="list-style-type: none"><li>• Understand addition and subtraction facts.</li><li>• Apply mental calculation strategies.</li></ul>
3	Money Facts	<ul style="list-style-type: none"><li>• Solve word problems involving 'real life' money and measures.</li></ul>
4	Measure- Length	<ul style="list-style-type: none"><li>• Measure and compare by using standard units: km-kilometers, m-meters, cm-centimeters</li></ul>
5	Shape and Space	<ul style="list-style-type: none"><li>• Classify and describe 2-D shapes and patterns</li><li>• Classify and describe 3-D shapes and relate solid shapes to pictures of them.</li></ul>
6	Counting and Properties of numbers	<ul style="list-style-type: none"><li>• Describe count and extend number sequences.</li></ul>
7	Multiplication	<ul style="list-style-type: none"><li>• Read, write and extend understanding of mental calculation strategies.</li></ul>
8	Division	<ul style="list-style-type: none"><li>• Understand division as grouping.</li></ul>
9	Fractions	<ul style="list-style-type: none"><li>• Recognize that fractions are several parts of a whole.</li></ul>
10	Time	<ul style="list-style-type: none"><li>• Read and write the vocabulary related to time.</li></ul>
11	Mental calculation strategies Addition and Subtraction	<ul style="list-style-type: none"><li>• Use known number facts and place value.</li><li>• Add and subtract mentally.</li></ul>
12	Data Handling	<ul style="list-style-type: none"><li>• Solve a given problem by organizing and interpreting numerical data in graphs, lists and frequency tables.</li></ul>
13	Revision	
14	Exam	

Term Assessment Table for Mathematics.

	Description	% of term mark
Assessment 1.	Weekly Mental Maths Tests	10% of final term grade
Assessment 2	Check-ups - Ongoing check-ups throughout the term	20%
Assessment 3	End of topic assessments - Heinemann	10%
During complete term	Participation in classroom exercises and open discussions.	5%
During complete term	Completion of all Homework (1% deducted for each day homework is late)	5%
End of term Exam		50%