



KNES Primary School Course Outline Year 1 Term 2

Numeracy Term Overview.

This term Year 1 students will deal with odd and even numbers, ordinal numbers, addition and subtraction to 10, British coins, measuring mass, 2D shapes, and telling time.

Unit Outline Numeracy

Week	Task/Topic/Area	Learning Outcome. Students will be able to:-
1	Even and Odd Numbers.	<ul style="list-style-type: none"> Count on in twos from zero, then one, and begin to recognise odd or even numbers to about 20, begin to count on in steps of 3 from zero.
2	Comparing and ordering Numbers.	<ul style="list-style-type: none"> Understand and use the vocabulary of comparing and ordering numbers. Compare two familiar numbers, say which is more or less, and give a number which lies between them.
3	Subtraction within 10p/£10	<ul style="list-style-type: none"> Use mental strategies to solve simple problems set in 'real life' using subtraction, explaining methods and reasoning orally.
4	Addition and Subtraction Facts for 6 and 7.	<ul style="list-style-type: none"> Understand the operation of add/sub and use the related vocabulary. Begin to recognise that addition can be done in any order. Begin to use the +/- and = signs to record mental calculation in a number sentence, recognise the use of symbols to stand for an unknown number. Know by heart all pairs of numbers with a total of 10 Begin to know subtraction facts for all pairs of numbers with a total to at least 10. Use patterns of similar calculations. Use known number facts to add/subtract a pair of numbers mentally within the range 0 to at least 10.
5	Addition and Subtraction Facts for 8	<ul style="list-style-type: none"> Understand the operation of add/sub and use the

	and 9.	<p>related vocabulary.</p> <ul style="list-style-type: none"> • Begin to recognise that addition can be done in any order. • Begin to use the +/- and = signs to record mental calculation in a number sentence, recognise the use of symbols to stand for an unknown number. • Know by heart all pairs of numbers with a total of 10 • Begin to know subtraction facts for all pairs of numbers with a total to at least 10. • Use patterns of similar calculations. • Use known number facts to add/subtract a pair of numbers mentally within the range 0 to at least 10.
6	Weight.	<ul style="list-style-type: none"> • Understand and use the vocabulary related to mass. • Compare two masses by direct comparison; extend to more than two. • Suggest suitable non-standard units and measuring equipment to estimate, then measure a mass.
7	2D Shape.	<ul style="list-style-type: none"> • Use everyday language to describe features of familiar 2D shapes, including the circle, triangle, square, rectangle..., referring to properties such as the number of corners or the number and types of sides. • Make and describe models, patterns and pictures using construction kits, everyday materials and Plasticine... • Investigate a general statement about familiar shapes by finding examples that satisfy it.
8	<p>Addition Facts to 10.</p> <p>Ordinal Numbers</p>	<ul style="list-style-type: none"> • Know by heart all pairs of numbers with a total of 10. • Use patterns of similar calculations. • Use known number facts to add a pair of numbers mentally. • Understand and use the vocabulary of comparing and ordering numbers, including ordinal numbers to at least 20.
9	<p>Subtraction Facts to 10.</p> <p>Subtraction: Comparison.</p>	<ul style="list-style-type: none"> • Understand the operation of sub and use the related vocabulary. • Begin to use the - and = signs to record mental calculation in a number sentence, recognise the use of symbols to stand for an unknown number. • Begin to know subtraction facts for all pairs of numbers with a total to at least 10. • Use patterns of similar calculations.

		<ul style="list-style-type: none"> • Use known number facts to subtract a pair of numbers mentally within the range 0 to at least 10.
10	Time: Telling the Time.	<ul style="list-style-type: none"> • Understand and use the vocabulary related to time. • Read the time to the hour or half hour on analogue clocks.
11	Revision & Consolidation	

Term Assessment Table for Numeracy.

	Description	Percentage
Assessment 1. 15/1/12	Check-Up 3. Even and Odd Numbers. Numbers to 20 Activity Book page 25, questions 1 & 2.	10%
Assessment 2. 22/1/12	Check-Up 2. Comparing and Ordering Numbers. Numbers to 20 Activity Book page 24, questions 3 & 4.	10%
Assessment 3 29/1/12	Money Activity Book page 11, question 3; page 12, questions 1 & 2.	10%
Assessment 3. 5/2/12	Check-Up 7. Addition and Subtraction facts for 6 and 7.	10%
Assessment 4. 12/2/12	Check-Ups 8 & 9. Addition and Subtraction Facts 8 and 9.	10%
Assessment 5. 4/3/12	Check-Up 4. Ordinal Numbers. Numbers to 20 Activity Book page 25, question 4. Check-Up 9. Addition Facts to 10. Addition Activity Book pages 19-20.	10%
Assessment 6. 11/3/12	Check-Up 13. Subtraction Facts to 10. Subtraction Activity Book Page 35, Questions 2 & 3, Page 36, Questions 1-3.	10%
Assessment 7. 18/3/12.	Shape, Measure and Data Handling Test.	10%
Assessment 8.	Weekly Mental Maths Tests.	20%