



# KNES Primary School Course Outline Year 3 Term2

## Term Overview: Science

This term Year 3 students will study Rocks and Soils and Materials.

Students will learn about different materials, sort materials into different categories, different types of soils and rocks, where soil comes from and erosion.

There will also be various assessments and tests to ensure student achievement and continued growth.

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 break time, 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.

## Unit Outline Science

Week	Task/Topic/Area	Learning Outcome. Students will be able to:
1	Can I identify useful materials?	<ul style="list-style-type: none"><li>• identify a range of common materials</li><li>• identify different objects that have been made out of the same material</li></ul>
2	Sorting Materials	<ul style="list-style-type: none"><li>• recognize properties such as hardness, flexibility, and buoyancy</li><li>• compare materials in terms of their properties</li></ul>
3	What makes a material useful?	<ul style="list-style-type: none"><li>• identify sensible reasons for using particular materials</li><li>• identify which properties of materials are important</li></ul>
4	Scientific testing of materials	<ul style="list-style-type: none"><li>• scientifically test the properties of materials, including absorbency</li></ul>
5	Identify the properties of rocks	<ul style="list-style-type: none"><li>• group rocks according to differences in texture and record and justify the groupings</li></ul>
6	What are rocks used for?	<ul style="list-style-type: none"><li>• identify some rocks and explain why they are used for a particular purpose</li></ul>
7	Where does soil come from?	<ul style="list-style-type: none"><li>• use results of tests to rank rocks in order of ease of wearing away and/or permeability</li></ul>
8	What is erosion?	<ul style="list-style-type: none"><li>• describe how erosion can turn rocks into soil</li></ul>
9	Identify the properties of soils REVISION	<ul style="list-style-type: none"><li>• rank soils in terms of changing colour and particle size, justifying the ranking in terms of their observations</li></ul>
10	EXAM	
11	Remedial work	

**Term Assessment Table for Science.**

	<b><u>Description</u></b>	<b><u>% of term mark</u></b>
<u>Assessment 1</u>	<u>Poster: Identify useful properties of materials.</u> <u>(Rubrics to follow)</u>	10%
<u>Assessment 2</u>	<u>Scientific test: The properties of materials.</u> <u>(Rubrics to follow)</u>	10%
<u>Assessment 3</u>	Grouping rocks according to differences in texture. Record and justify the groupings. (Rubrics to follow)	10%
<u>Assessment 4</u>	<u>Ranking soils based on their properties.</u> <u>(Rubrics to follow)</u>	10%
<u>Participation</u>	Participation is expected in classroom activities, group work, and discussions.	5%
<u>Homework</u>		5%
<u>End of term Exam</u>		50%