




THE WORLD UNDER OUR FEET: THE SOIL		
LESSON 3: WHAT IS THE SOIL COMPOSITION?		
Duration of Unit: 1 hour/ 1 lesson		
TEACHING AIMS	<ul style="list-style-type: none">To enable learners to identify the main components of the soilTo raise learners’ awareness of known natural soils	
LEARNING OUTCOMES		
Most learners should know: <ul style="list-style-type: none">The main components of soil	Most learners should be able to: <ul style="list-style-type: none">Identify soil componentsComplete a pie-chart	Be aware that <ul style="list-style-type: none">the soil is “a complex system”
COMMUNICATION		
LANGUAGE OF LEARNING	LANGUAGE FOR LEARNING	LANGUAGE THROUGH LEARNING
Vocabulary: mixture, particles, diameter, pore spaces, Abiotic factors - mineral particles (shingle, gravel, sand, silt, clay), water, air. Biotic factors – living and once-living things (plants, insects, bacteria, protozoa, earthworm, larva, ...), numbers. Adjectives: solid, liquid, gaseous, mineral, organic, small, big, average.	What is soil composition? It’s a mixture of mineral and organic particles. What is the meaning of ...? What is/are this/these...? This is ... These are ... What is the percentage of air/water...? It’s twenty five per cent (%)... Let’s work in teams	Language that emerges in carrying out tasks. Dictionary use for vocabulary extension.
COGNITION		

<ul style="list-style-type: none"> Identifying soil components Classifying mineral matters of soil
RESOURCES <ul style="list-style-type: none"> Ppt presentation Domino cards Worksheets with exercises to do
ACTIVITIES <ul style="list-style-type: none"> Let's watch the video "All about soil" in order to revise and to introduce soil composition. [Activating previous knowledge: video, questions, pictures, worksheets] https://www.youtube.com/watch?v=I3A7OnTlSM8 Split the class into teams of four –five students. Explain to the students Domino games (<i>soil composition and soil particle size</i>). Analyze the pie chart of soil composition – TEAM WORK
CULTURE <ul style="list-style-type: none"> Taking turns while answering the questions, respecting the others
FORMATIVE ASSESSMENT <ul style="list-style-type: none"> 😊 domino game and pie chart were well done; 😊 domino game and pie chart were mostly well done; 😞 domino game and pie chart were incomplete.
PERFORMANCE ASSESSMENT <ul style="list-style-type: none">  I worked very well with my class mates  I worked well with my class mates  I worked with my class mates.

[ALL MATERIALS, VIDEOS AND IMAGES ARE FOR DIDACTIC PURPOSES ONLY]