

THE WORLD UNDER OUR FEET: THE SOIL		
LESSON 2: HOW IS THE SOIL FORMED?		
Duration of Unit: 1 hour/ 1 lesson		
TEACHING AIMS	<ul style="list-style-type: none">To enable learners to identify the main factors of soil formation.To enable learners' to get to know the long evolution of the soil	
LEARNING OUTCOMES		
Most learners should know: <ul style="list-style-type: none">Main factors of soil formationSoil evolution over time.	BE ABLE TO <ul style="list-style-type: none">Observe some pictures of physical, chemical and biological agentsIdentify the action of these agents on the parent materialCarry out a time-line of soil formation.	BE AWARE THAT <ul style="list-style-type: none">Soil formation is a long process.
COMMUNICATION		
LANGUAGE OF LEARNING	LANGUAGE FOR LEARNING	LANGUAGE THROUGH LEARNING
Vocabulary: Weathering (water, ice, wind, high/low temperature, snow, sunrays), organisms, parent material, time, slit, crack, scraps. Adjectives: solid, small, hard, soft, ... Verbs: change, break, melt, crumble, drag, add, ...	What kind of weathering can you see? What did the ice / wind / water / plant do? How long does soil formation last?	Language that emerges in carrying out tasks. Dictionary use for vocabulary extension.
COGNITION		
<ul style="list-style-type: none">Remembering weatheringIdentifying the physical action, chemical and biological agents on the rock		

<ul style="list-style-type: none"> • Ordering on the time-line the main stages of soil formation.
CULTURE <ul style="list-style-type: none"> • Taking turns while answering the questions, respecting the others • Soil formation is a non-renewable resource.
RESOURCES <ul style="list-style-type: none"> • Ppt presentation • https://www.youtube.com/watch?v=I3A7OnTlSM8 • Worksheets with exercises to do.
ACTIVITIES <ul style="list-style-type: none"> • Activating prior knowledge: what is the soil? What are the layers of the soil? • Watch a video: All about soil • Exercise: match the factors of soil formation with their meaning • Team work: Students complete a time-line of soil formation
ASSESSMENT <ul style="list-style-type: none"> • Formative assessment: ☺ Exercise and time-line were well done; ☹ Exercise and time-line were mostly well done; 😞 Exercise and time-line were incomplete.

Teacher's worksheet

After watching the video, the teacher shows some pictures of weathering and asks to recognize them, then she asks her students (they will work in small groups) to complete a matching exercise and to realize a soil line-time.

At the end of lesson **2** there will be a formative assessment.

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