

About the Activity	
This activity investigates different habitats concentrating on the habitat's characteristics, the organisms found there and their adaptations. Pupils will collect data on humus	
layer depth, soil type, soil pH, soil moisture, infiltration rate, temperature, wind speed and light levels as well as use dichotomous keys to identify the organisms found in the	
habitat. This data will then be used to compare the habitats and discuss why the organisms are found in their particular habitats.	
Activity Aims	
The aim of this activity is to:	
 Introduce the Habitats: Soils, Plants and Adaptations activity. 	
 Introduce the equipment needed for the activity. 	
Allow each participant to collect, record and analyse data.	
Ensure participants work together supporting and encouraging each other.	
Provide an opportunity for participants to discuss what they have accomplished.	
Learning Outcomes	
Upon completion of the activity, participants will have:	
 Identified and described different habitats. Used keys to identify organisms found in the babitats visited 	
Osed keys to identify organisms found in the habitats visited.	
 Recognise that different factors that make up a babitat 	
 Understood the particular conditions that make up each babitat visited 	
 Understood the adaptations of a variety of organisms and how they relate to the babitat the organism was found in 	
Recognise food chains within a habitat	
 Understood the importance of safety, risk risk assessment, hazards and rules 	
 Demonstrated the ability to listen to understand and act on instructions received 	
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Onderstanding of the importance of teallwork. Consolidated and then importance of teallwork of induced a dille through nonformation.	
Consolidated and then improved abilities such as fieldwork skills through performance.	
 Contributed to a post activity review led by the instructor identifying what they did well and then suggested ways to improve. 	
Progression Opportunities I	In addition, participants should also have developed in the following:
Some participants may also:	
Recognise food webs within the habitats.	Interpersonal communication
Understand that all food chains begin with a producer.	Teamwork
Be able to describe the process of photosynthesis.	
• Make accurate predictions on what types of organisms they will find in a habitat.	
• Take the initiative in evaluating their performance and that of the group.	
Be able to assess risks and understand how these may be controlled.	
Associated Vocabulary:	
Words relevant to safety e.g. boundaries, nazards, risk assessment, rules.	
auger soil type chart sween net thermometer	
Words relevant to the activity e.g. carnivore, condition, consumer, detritivores, food chain, habitat, herbivore, humus laver, nutrients, organism, photosynthesis, predator, prev.	
producer.	
Words relevant to teamwork e.g. discussion, instruction, listening, opinion, participation, responsibility understanding.	