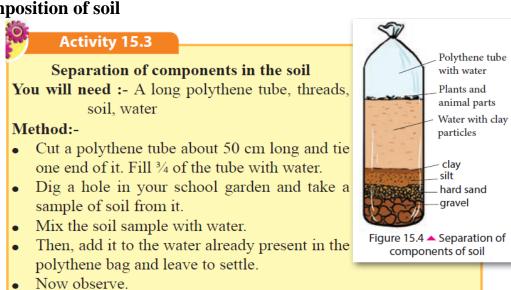
Ed Pr	spartment bucation, Sabaraga sovince/ spartment of Education, Sabaraga	Province/ Weekly School Department of Education Sabaragamuwa Province Provincial Department Of Education – Sabaragamuwa WEEKLY SCHOOL	Weekly School Department of nt of Education, Sabaragamuwa nuwa Province/ Weekly School Weekly School Department of
Pr De	Subject : Science	Vaaldy School Danastment of Education, Sabaragamuwa Province/Weekly School Departm wa Province/Weekly School Department of Education, Sabaraga School Department of Education, Sabaragamuwa Province/Weekly School Departme	nent of Education,Sabaragamuwa amuwa Province/ Weekly School a/ Weekly School Department of
Pr De Ec	Grade 7	of Education Sabaragamuwa Province/Weekly School Department of Education S	eek: 05 th of 3 rd Term

Unit 15 – Soil(2)

> Composition of soil



You can observe the separation of components of soil as shown in Figure 15.4

Then, take a polythene tube of 1m long. Fill 3/4 of it with water and put twice the amount of soil taken in the above activity into it

e short notes about each of the following. Soil minerals
Functions of soil minerals
Soil organic materials (Humus)
Functions of soil organic materials (Humus)
Soil air
Functions of soil air

0	Soil water				
••••					
••••					
••••					
0	Functions of soil water				
••••					
••••					
••••	и ч				
	o Soil organisms				
••••	•••••••••••••••••••••••••••••••••••••••				
••••	•••••••••••••••••••••••••••••••••••••••				
••••	T /				
0	 Functions of soil organisms 				
••••	•••••••••••••••••••••••••••••••••••••••				
••••	•••••••••••••••••••••••••••••••••••••••				
••••	Soil erosion				
O					
••••					
••••	•••••••••••••••••••••••••••••••••••••••				
0	Write down some of the ways in which soil erosion can occur.				
••••	ville down some of the ways in which son crosson can occur.				
••••					
••••					
	Finding how the covering of earth affects soil erosion				
	You will need: A tin with holes at the bottom, three large plastic bottles,				
	three small plastic bottles, soil, grass clod, dried/decayed leaves Method:-				
	• Cut three large bottles as shown in				
	Figure 15.14. Remove their lids.				
	Cut three small bottles as shown in				
	the Figure. Do not remove the lids. • Add the same type of soil in equal				
	amounts to each large bottle. Then				
	press them well.				
	Plant the grass clod in one bottle and Figure 15.14 Comparing soil keep dried/decayed leaves on the erosion				
	surface of the other bottle. Keep the soil in the third bottle open.				
	Make holes in small bottles and tie them to the mouth of the large				
	bottles, as shown in the figure.				
	 Keep those bottles on the edge of the table in a manner that the bottom of the large bottles is little tittled up. 				
	 After the grass grow well, pour water to the soil samples by using 				
	three taps. The speed of the flowing should be equal. Or else, pour				
	equal amounts of water on to the soil samples in the same height. Use				
	 the tin with holes at the bottom to pour water. Observe the colour of water collected in small bottles. 				
	Tooserve the colour of water conceled in shall bottles.				
0	Write down some of the methods that can be used to reduce soil erosion in				
J	a sloping				

•••••••••••••••••••••••••••••••••