

Worksheet

Name: _____

Aim: To observe the soil's response to sitting in water and relate it to how the plant works. Use these results to plan how the soil can be improved.

- Method:**
1. Place three or four 3 - 4 cm clumps of soil in a shallow clear dish of pure water
 2. Observe the clumps of soil after 20 minutes, 1 hour and 24 hours
 3. Complete the table below and in conclusion suggest what, if any, changes could be made to your soil and why.

Soil sample number and location collected _____

	After 20 minutes	After 1 hour	After 24 hours
Unchanged			
Swollen			
Falling apart, rate 1 - 3			
Dispersed, rate 1 - 3			

Conclusion: The soil sample we collected from _____ was _____

The soil does not / does need improving to allow better plant growth.

This could be done by _____