



Loss of Topsoil – Student Worksheet

Teacher Demonstration

Materials

- A bucket
- Water
- An area of lawn
- A similar sized area of sandpit or un-vegetated soil

Method

1. Half fill the bucket with water and swill it onto the lawn.
2. Observe the effect of the “flood” on the grassed area.
3. Repeat on the area without vegetation.

Observations

Effect of vegetation on soil loss	Effect of no vegetation on soil loss
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Vegetation protects the flooded area and stops dumping downstream.



What effect has flooding had on this river?
