



The Effect of Flood on Landscape – Teacher Demonstration

Aim: To demonstrate the effect of flood on landscape.

Materials

- 1 large transparent jar
- Mix of potting mix, sand and rock
- Water
- Basin or bucket

Method

1. Half fill jar with rock and soil mix.
2. Add water until 2/3 full.
3. Shake until completely mixed to copy flood turbulence.
4. Allow to settle for 1 minute then pour out the water into a basin or bucket.
5. Observe the liquid in the bucket.



Results

What was washed from the soil mix when the floodwaters had passed through? _____

How could you measure this loss? _____

Conclusion

Can floods change the landscape of Australia? _____

Vocabulary Drought, desertification, salinity, floods, soil degradation