

Saving Our Soil

Part 1: The Inland Water Cycle Poster

Scan the QR code or click on the [link](#) to view the poster to answer the following questions about how the water cycles through an inland catchment.



▶ The Inland Water Cycle poster https://www.resources.qld.gov.au/__data/assets/pdf_file/0004/1407622/inland-water-cycle-poster.pdf

1. Identify which phases of the water cycle occur on the ground in inland areas.

2. How do different rural land uses affect the water cycle? For example, transpiration occurs in plants. If there is very little vegetation (trees, grass and crops) in an area, there will be little movement of water into the atmosphere from plants.

3. What are the rural land uses mentioned in The Inland Water Cycle poster (ignore the town)?

4. Where do you predict that soil erosion will be most severe after heavy rainfall?

This resource has been developed by Primary Industries Education Foundation Australia, Soil Science Australia and Soils For Life, supported through funding from the Australian Government's National Landcare Program.

Saving Our Soil (cont.)



Part 2: Preventing Soil Erosion

Scan the QR code or click on the [link](#) to view the video to answer the following questions about how soil erosion can be prevented.

▶ No-till agriculture prevents soil erosion (3:04) <https://www.youtube.com/watch?v=LpltrgkLqWc>

1. The World Bank video suggests that the effects of losing topsoil are that it ‘destroys farmland’ and ‘pollutes off-farm’. What do you think that the video writer meant by these 2 phrases?

a) Losing topsoil **destroys farmland** –

b) Losing topsoil **pollutes off-farm** –

2. What are the key conservation agriculture practices recommended?

- a) No t _____
- b) Leaving c _____ residues on the paddock
- c) Planting a range of different crop s _____
- d) Using crop r _____

3. What are the benefits of using conservation agriculture practices?

- a) Reduces soil e _____
- b) Reduces e _____ from the soil
- c) Controls w _____
- d) Increased the soils’ resistance to p _____ and diseases

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