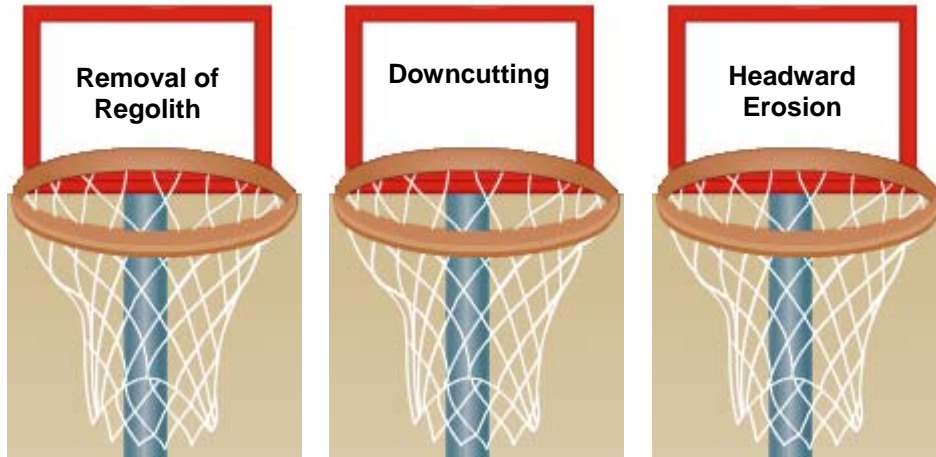


## Bucket Game: Erosion Processes

**Directions:** Classify each item in the appropriate basket category.



### Items

1. Makes a river longer and extends a river valley
2. The washing of loose rock debris downslope
3. Carries weathering products downslope
4. Accomplished by abrasion from sand and gravel particles
5. Occurs in the direction opposite of the river's flow
6. Makes a river deeper

**Answers**

1. Headward Erosion

Correct Feedback: Correct. Headward erosion makes a river longer.

Incorrect Feedback: Incorrect. Choose the type of erosion that occurs upslope.

2. Removal of Regolith

Correct Feedback: Correct. The removal of regolith is the washing of materials downslope.

Incorrect Feedback: Incorrect. Choose the option that involves the carrying of sediments downhill.

3. Removal of Regolith

Correct Feedback: Correct. The removal of regolith is the washing of materials downslope.

Incorrect Feedback: Incorrect. Choose the option that involves the carrying of sediments downhill.

4. Downcutting

Correct Feedback: Correct. Downcutting is caused by abrasion.

Incorrect Feedback: Incorrect. Choose the type that deepens a riverbed.

5. Headward Erosion

Correct Feedback: Correct. Headward erosion takes place opposite the direction of flow.

Incorrect Feedback: Incorrect. Choose the type that takes place upslope.

6. Downcutting

Correct Feedback: Correct. Downcutting makes a river deeper.

Incorrect Feedback: Incorrect. Choose the option that involves the abrasion of the bedrock under a riverbed.