

Biological Weathering – Student Activity

Weathering is a destructive process. Biological weathering is caused by living things and their products.



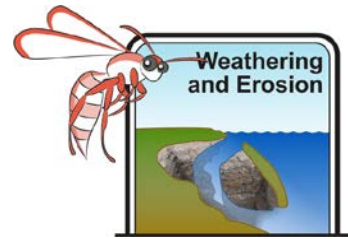
What do you think has caused this once magnificent statue of a lion to crumble? The statue is about 600 years old and is in a temple in Hakone Prefecture in Japan.

There are two different living things causing weathering in this picture. One is a plant and the other is an animal. Name each one and how they are causing destruction to the landscape.

1 _____

2 _____





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What biological weathering agent is at work here?

The tree lies at the top of a small cliff face above a pathway which curves round the Swan River. Walkers and cyclists use the path. Broken rock has started falling down on the path below.

Would filling the crack with concrete help? Explain your answer. _____

What advice would you give to make this area safer? _____

Give examples describing where living things have caused weathering of the surface of your schoolyard.

Could humans be described as biological weathering agents? Explain your answer.
