

ES04B - Teach About Weathering, Erosion and Soil

Use with BrishLab PS04B
Done By: Coach

[Image Link](#)

1- What is the difference between weathering and erosion?

Page 1

Para 1



Weathering breaks down rocks - erosion is the movement - it eRODE away!

[Image Link](#)

2- Name three things that live in soil?

Page 1

Para 3



Plants, roots, ants and other animals live in soil.

[Image Link](#)

3- Why is understanding soil important?

Page 1

Para 5



We need soil and if it is damaged, we can't grow food.

[Image Link](#)

4- How are boulders and clay related?

Page 1

Para 6



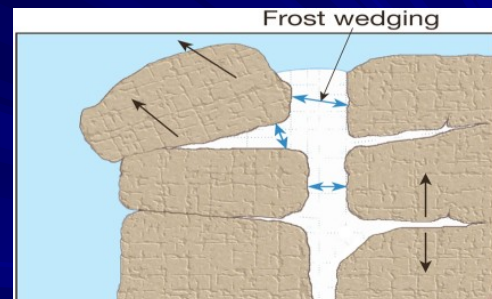
Boulders are weathered into small particles that make up clay.

[Image Link](#)

5- How does ice wedging happen?

Page 1

Para 8

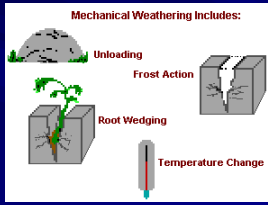


Water drips into cracks in rocks, freezes and splits the rock open.

[Image Link](#)

6- How is chemical weathering different than mechanical weathering?

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Para 11



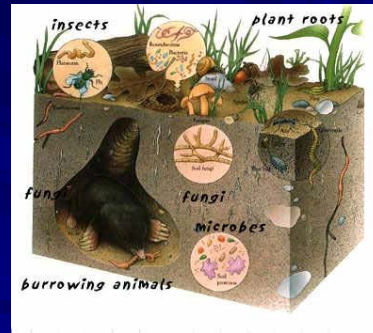
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[Image Link](#)

Chemical weathering involves a chemical reaction - new materials are made. Mechanical is simply breaking down.

7- What is found in soil?

Page 1
Para 13

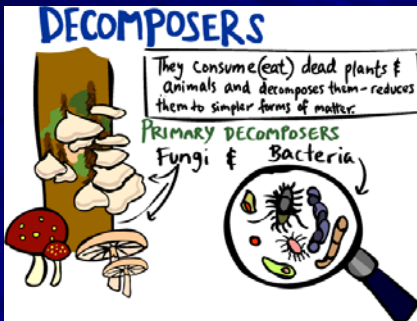


Soil has both living (organic) and non living (rocks etc) materials.

[Image Link](#)

8- Why are decomposers important in soil?

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Para 14

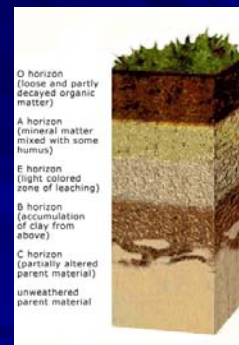


Decomposers like roots, fungi, and worms turn waste into soil.

[Image Link](#)

9- How are the three layers of soil the same?

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Para 15

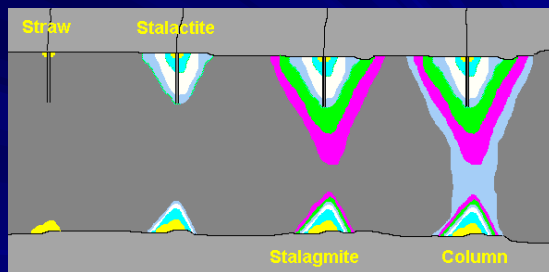


All soil is made from rock - organic materials are added nearer the top.

[Image Link](#)

10- How are stalactites made?

Page 2
Para 19



Water drips through rock and deposits dissolved materials on the ceiling of caves making stalactites.

[Image Link](#)

Wrap it up: - Draw and color a cave with stalactites and stalagmites.



[Image Link](#)