

Weathering Classwork:

Graded – Upload by Friday, 12/4

Directions: Match each of the following actions with the correct type of weathering (Mechanical or Chemical) that is ongoing.

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|-----------------------------------|---|
| _____ 1. Roots uplifting sidewalk | a. Weathering by the actions of animals |
| _____ 2. Ice Wedging | b. Chemical Weathering |
| _____ 3. Chipmunks and Rabbits | c. Mechanical weathering |
| _____ 4. Acid Rain | d. Weathering by the actions of plants |

Directions: Identify each statement below as a statement below as an example of Mechanical or Chemical weathering. Write “M” for Mechanical or “C” for Chemical in the blank provided.

- _____ 1. the wedging of tree roots along natural joints in granite
- _____ 2. limestone dissolved by carbonic acid
- _____ 3. the oxidation of minerals that contain iron
- _____ 4. animal burrows dug in rock that let in water and air
- _____ 5. repeated freezing and thawing of water that cracks rock