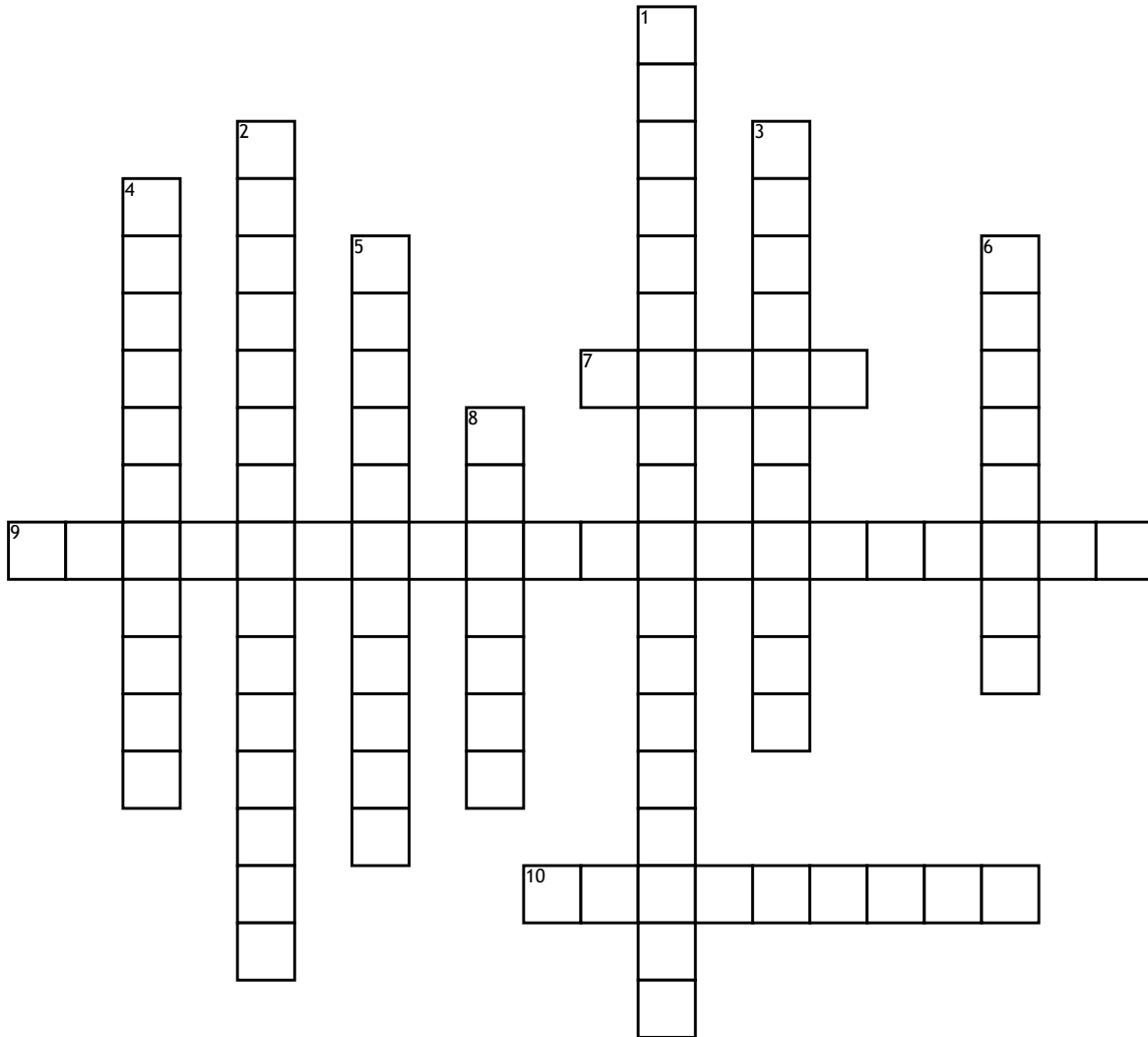


Weathering Crossword



Across

7. Water can dissolve most types of minerals that hold rocks together. These rocks are said to be soluble which means able to dissolve

9. The process that breaks rock into different shapes and smaller pieces.

10. Oxygen chemically combines with other elements such as iron making iron oxide or rust

Down

1. The process that changes the mineral composition or chemical make up of the rocks

2. Animals scratch and dig on the surface breaking rocks. Plant roots break up soil, even asphalt and concrete

3. Heating and cooling that cause rocks to expand and contract. Temperature changes cause outer layers of rock to crack.

4. Liquid water seeps into cracks and expands when frozen, causing small cracks to widen and open up

5. When the outer layers of rocks crack and break off

6. Wind carrying particles smooth rocks on the surface. Water carrying particles smooth rocks in rivers and oceans

8. Gravity can pull loosened rocks down hills or mountains in a landslide. When mixed with water it is a mudslide