

Speed of Dissolving

Nature uses many things to weather and erode rocks. It may use temperature, chemical weathering, mechanical weathering, or other means to make a mountain into dust.

Your job for this lab is to figure out how quickly you can get sugar or salt to dissolve. Try different methods, but you must try several times. Time your efforts to see what works best. In class, we used sugar cubes, but you can use a teaspoon or so of the substance.

1. Plan out how you plan to make it dissolve. Write your plan down on your paper.
2. See how long it takes for the substance to dissolve. Record your time.
3. Think about how you could get it to dissolve faster. Write down your ideas.
4. Try again. Record your time.
5. Determine what works the fastest for dissolving a substance.
6. Write down your report and turn it in.

