Mechanical Weathering Experiment

Materials Needed: Coffee Can or plastic container with Lid
Rocks

Procedure:

1. Place rocks into coffee can or container and close with lid.
2. Shake container several times 50 times.
3. Dump rocks onto paper.
4. Record changes: __________________________________________________________

What do the rocks look like when they are dumped onto the paper?
__________________________________________________________________________

5. Shake container 50 times once again. Record changes: __________________________
What do the rocks look like when they are dumped onto the paper?
__________________________________________________________________________

6. Next, shake the container 100 times. Record any changes: ________________________
What do the rocks look like when they are dumped onto the paper?

7. Lastly, shake the container 100 times. Record any changes: __________________________

   What do the rocks look like when they are dumped onto the paper?

8. What caused your rocks to change? ____________________________________________

9. What type of weathering is occurring to the rocks? ____________________________

10. What other things could happen that could cause changes to a rock?
    ____________________________

11. What is something that you have noticed that has changed due to weathering? How do you know?
    ____________________________________________
    ____________________________________________
    ____________________________________________