

# **Acid Rain, Go Away**

1. Introductions
2. Explain that you're going to be taking about acid rain and weather pollutants
3. Show video
4. Ask students for suggestions about what other things are affected by acid rain. When a student suggests lakes or forests, tell them the story

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9. Bubbles should start rising from the chalk. Small pieces start to break off and finally the chalk totally breaks apart
10. Explain that vinegar is acidic and reacts chemically with the chalk. The piece of chalk is made from limestone, some of the same rock was what many statues, bridges and buildings are made from
11. Explain the procedure of acid rain falling from the sky and deteriorating the building, statues, and bridges. Explain buildup in lakes, on trees and on the ground

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5. Read story off of story cards. Add voice characterizations and actions
6. Divide class into teams of 2 students per team
7. Hand out one plastic cup to each team. You and the volunteer helper walk around the class and fill each cup about 1/4 full of vinegar. The vinegar represents the acid rain
8. Give each team a piece of chalk. This represents a building, bridge or statue. Have student add chalk to vinegar

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12. Have students empty their chalk and vinegar into the 5 gallon bucket
13. Ave volunteer helper collect the cups and start rinsing them out
14. Hand out "The Acid Rain Game"
15. Thank everyone for participating, compliment behavior and answer any questions the children may still have
16. Rewind the video