

# Extreme weather: wildfires, hurricanes and thunderstorms



## A Spark of lightning

### Materials



a pencil with an intact eraser



an aluminum tray or pie tin



thumbtack



styrofoam



wool cloth

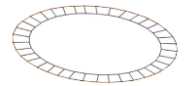


plate or tray

### Instructions

1. Ask an adult to stick the thumbtack through the bottom of the aluminum tray, so that the point of the thumbtack sticks into the middle of the tray.
2. Push the eraser into the point of thumbtack. The pencil should be stable and will be used as a handle to lift the tray.
3. Rub the wool cloth on the styrofoam tray for two full minutes. Rub hard and fast! Use your muscles!
4. Using the pencil, pick up the aluminum tray and set it on the styrofoam.
5. Record your observations.

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