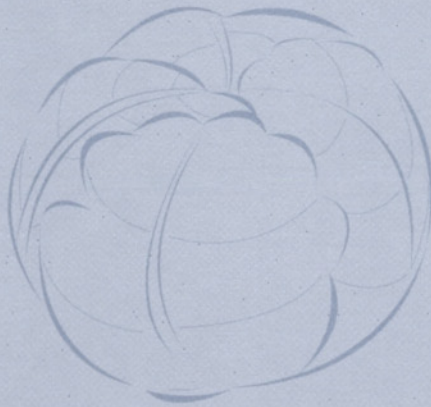
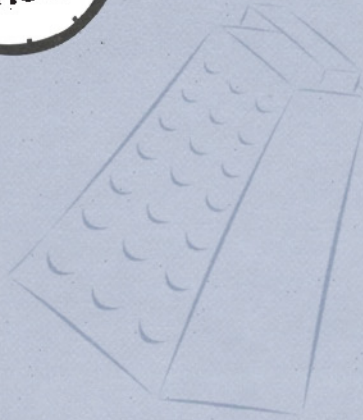


# Make an Acid Finder

## Activity 2



**PURPOSE:** To involve students in monitoring an environmental problem and encourage them to analyse and document their findings.

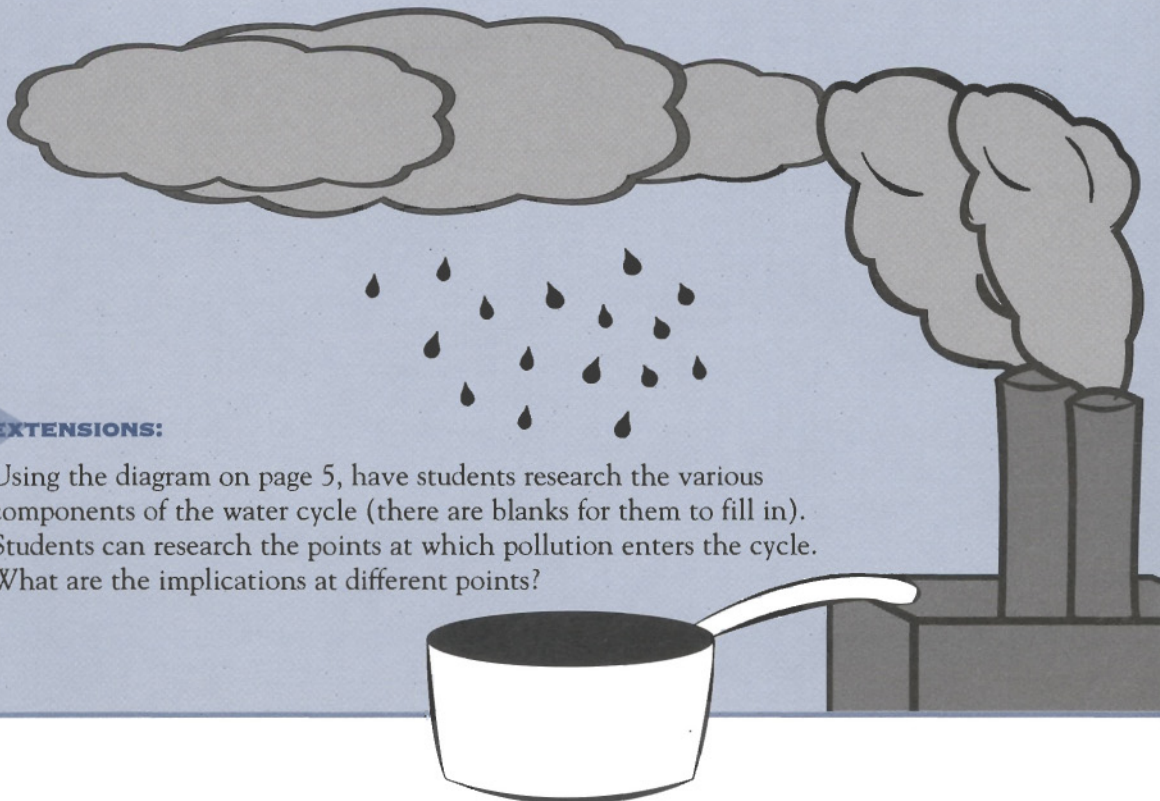
**TIME:** One hour (plus an additional hour for students to chart and present findings if they are able to collect rainwater outside of class time)

**MATERIALS:** Red cabbage, sauce pan (do not use an aluminum pan), grater, clear glass container(s), source of heat

**METHOD:**

Finely grate the red cabbage until you have two cups. Cover with water and bring to a boil. Simmer for 15 minutes. Let it cool, then strain and save the liquid. Pour into clear plastic containers and explain to students that they will be finding out more about acid rain with this experiment. Distribute sheets to students for work in groups.

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**EXTENSIONS:**

Using the diagram on page 5, have students research the various components of the water cycle (there are blanks for them to fill in). Students can research the points at which pollution enters the cycle. What are the implications at different points?



**FILTHY WATER  
CANNOT BE  
WASHED**

*African proverb*