

The

ACID RAIN GAME



START

Researchers measure pH - Advance one space.

Not all areas in Michigan are equally affected. Acid snowmelt causes fish to die – Go back one space.

Liming of lakes lowers acidity.

Advance one.



Michigan controls pollution from power plants.

Advance 3 spaces.

Acid rain damages plants.

Go back one space.



Wind carries pollution hundreds of miles.

Lose next turn.



Heavy rainfall: pH measures 4.3.

Go back one space.

Main pollution sources are smokestacks and cars.





Smokestacks: What goes up, must come down!

Lose your next turn.

Studies to reduce SO₂ and NOx (pollutants) are underway.



Advance 2 spaces.

Ongoing research determines the effects of acid rain

Advance one space.



The Federal Clean Air Act helps to reduce pollution.

Advance one space.



FINISH away statues and ancient landmarks.

Go back two spaces.

Acid rain eats



Learn about acid rain in science class.





Air Quality Division
Department of Environmental Quality

Source: Michigan Department of Environmental Quality. *Acid Rain Game*. Retrieved June 25, 2005, from http://www.deq.state.mi.us/documents/deq-aqd-acidraingame.pdf.



Use a different color button for each player. Roll one (1) die. Advance button the number of spaces indicated.