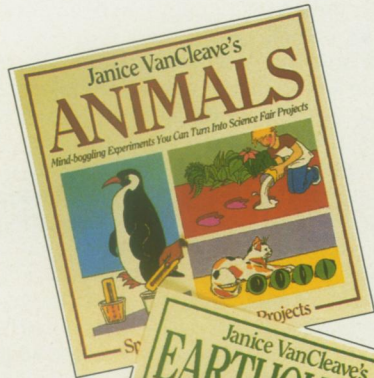
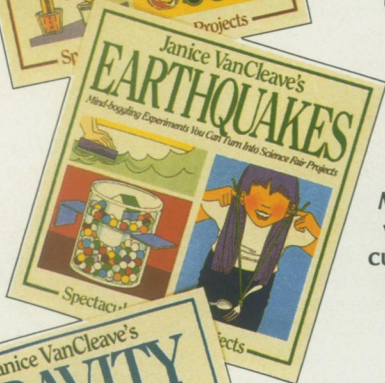


# Mind-boggling Science Experiments You Can Turn Into Science Fair Projects

Each one of *Janice VanCleave's spectacular science projects books* includes 20 simple and fun experiments that allow you to discover the answers to fascinating questions about the basic laws of nature, animals, and machines, plus dozens of additional suggestions for developing your own science fair projects. All experiments use inexpensive household materials and involve a minimum of preparation and clean up.

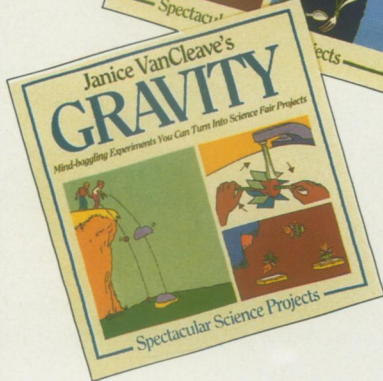


In *Animals* learn about fossil formation with a simple experiment using corn meal and flour; about reflex actions using cotton balls; about animal hearing with a metal pie pan, salt, and a spoon; and more.

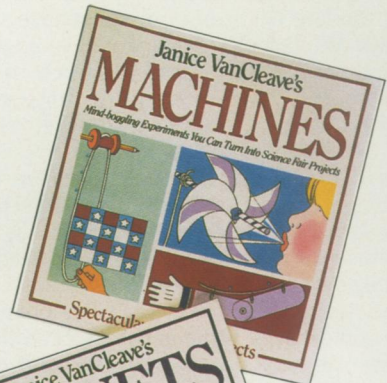


In *Earthquakes* discover seismic waves with a friend using a piece of rope; the Richter scale with a cardboard box, popcorn, and a yardstick; and other geological concepts.

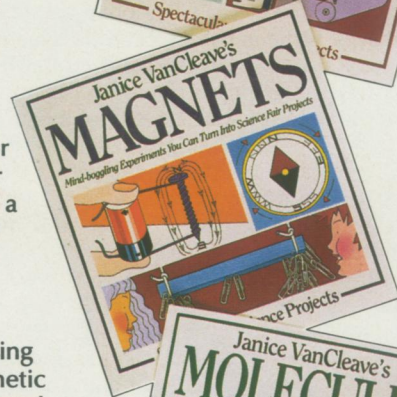
In *Gravity* learn about gravity and speed with a simple experiment using marbles and a ruler; about satellite launchings using clay, cardboard, and a marble; about gravity and plant growth with pinto beans; and much more.



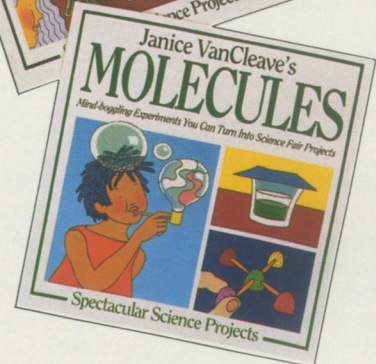
*Machines* teaches how an elevator works using a box, string, a paper cup, and some coins; how to build a bubble machine with cardboard boxes, Styrofoam, and wire; and basic concepts of many other machines.



*Magnets* explains magnetic poles using a bar magnet, paper, and string; magnetic force fields with a compass, a pencil, and a sheet of paper; and other magnetic wonders.



In *Molecules* learn about the structure of molecules with a simple experiment using gum drops and toothpicks; about molecular motion with a glass, a cup, and food coloring; about crystals using Epsom salts, a soap dish, and a paint brush; and about many other molecular tricks.



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