



FARMER JOE'S SCIENCE SECRETS

EGG and VINEGAR EXPERIMENT

Leave an egg to sit in a bowl of vinegar for a period of 3-5 days.

The children will be amazed to see the vinegar slowly eat away the shell to leave only the yolk and egg white encased within the membrane.

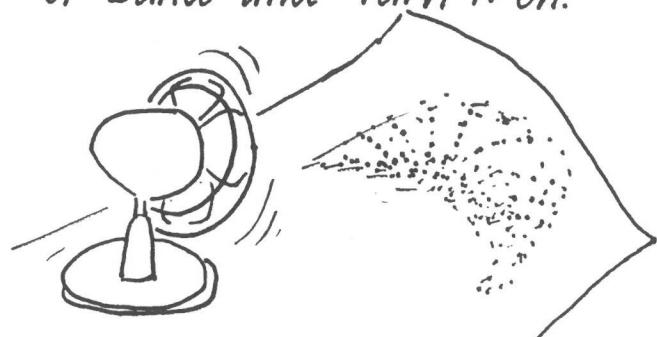


SOIL EXPERIMENT

*"Erosion is the moving away of soil either by wind or water." In Australia erosion often takes place on farmland where animals eat plant cover, the sun is hot and rainfall (when it comes) is heavy. That is, exposed land/soil becomes dry and powdery in the Australian sun. When the winds come powder is removed and/or when rainfall is plentiful water causes the soil to erode.

Try this:

1) Place a fan near to a mound of sand and turn it on.



Observe how easily sand is blown away, and the dune "reshaped."

2) Hold a hose over a pile of rocks and soil. Observe how soil is easily splashed away. Place the hose closer and see how pebbles and rocks are displaced.

soil being displaced

