

Physical Science Jeopardy

Outcome: Students review basic facts about light, sound, heat, electricity, magnetism, and chemistry.

Choose the cards that fit the content you want to review. On one side is the clue and on the other side is the answer.

Supplies: cards, option-pocket chart, materials to record scores

Procedure:

At the top of a pocket chart, put the category for the cards. In each pocket, place a card so that the answer faces out. Cover the answer with half sheets of construction paper so that the answers do not show through the paper. You might use different colors for each category to make the game look more interesting.

When a student calls out a category, pull the card out of the pocket. When you turn it over the “question” faces out. After the child has phrased their question, turn over the card to show the answer and determine if there’s a match.

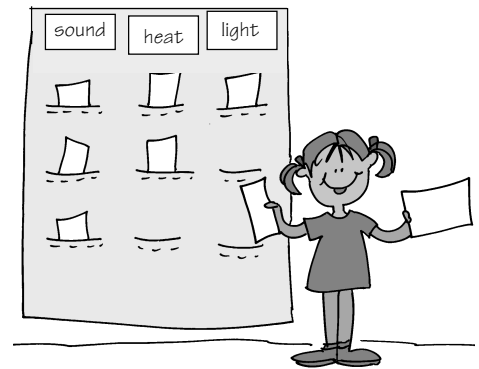
For example, the category chosen is “States of Matter”. When the card is shown, the child sees an ice cube melting. When the answer is given “What is melting?”, the answer on the back of the card confirms that that child was correct and receives a point.

Continue until there are no cards or time has expired.

Option—Divide the class into teams and have a student tally each team’s score.

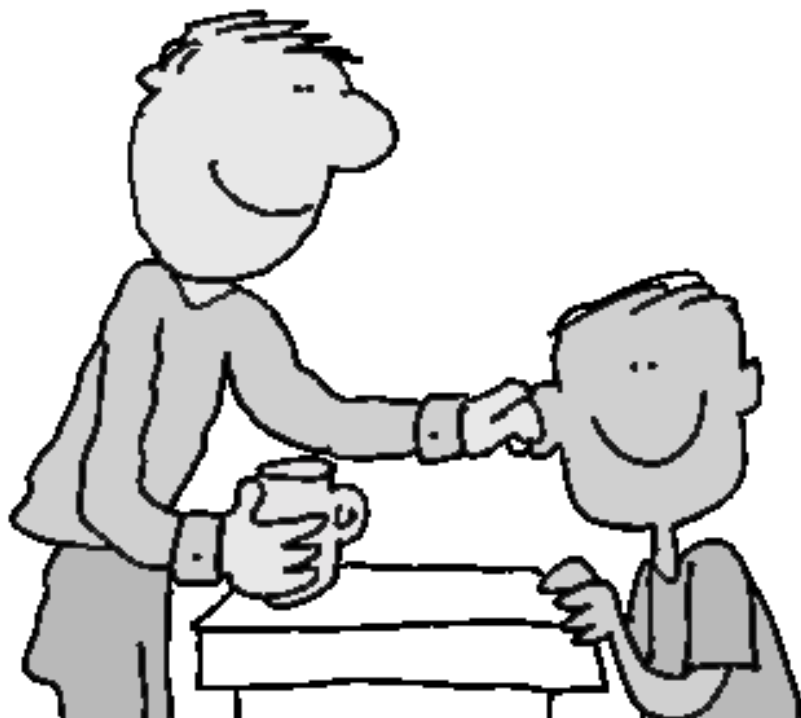
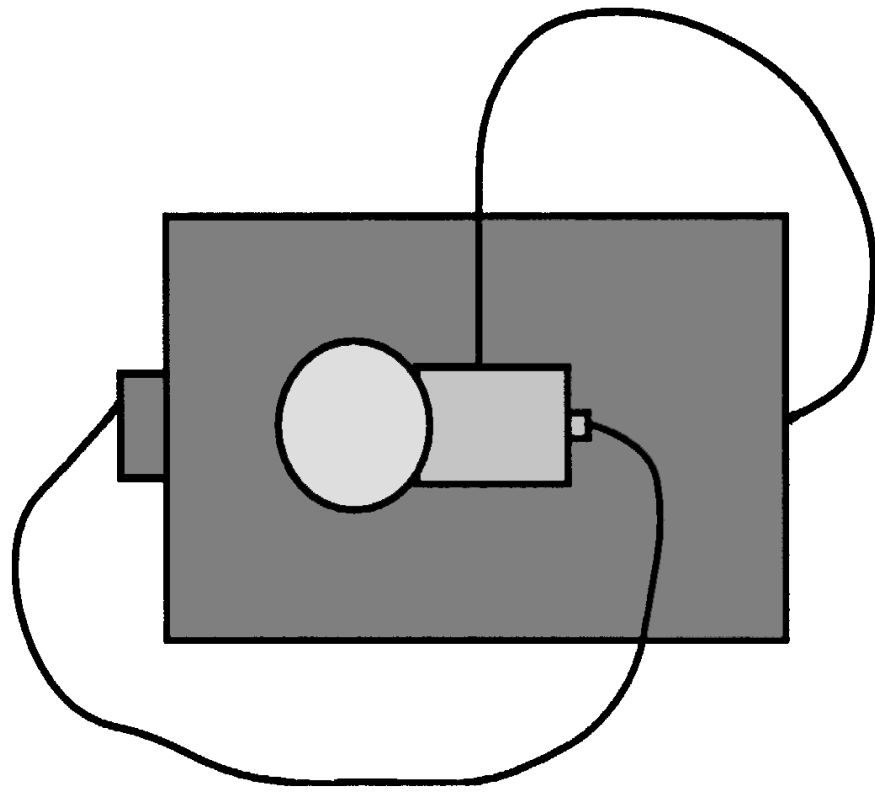
Option—Instead of using a pocket chart, simply hold up the clues as chosen by students.

Option—Challenge the class to study together so that if any child on a team gives the correct answer, the entire team scores points.



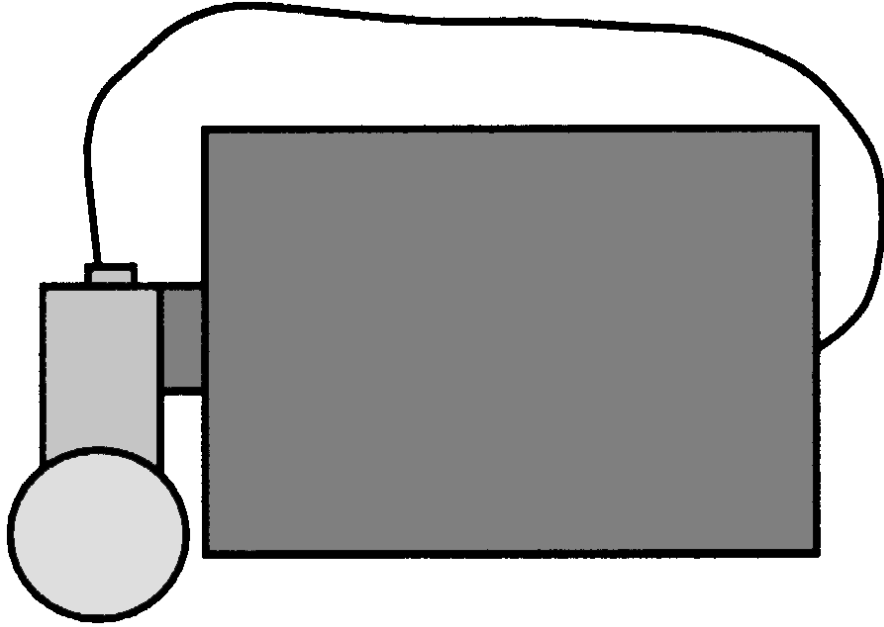
Will the
bulb light?

Is it conduction,
convection, or radiation?



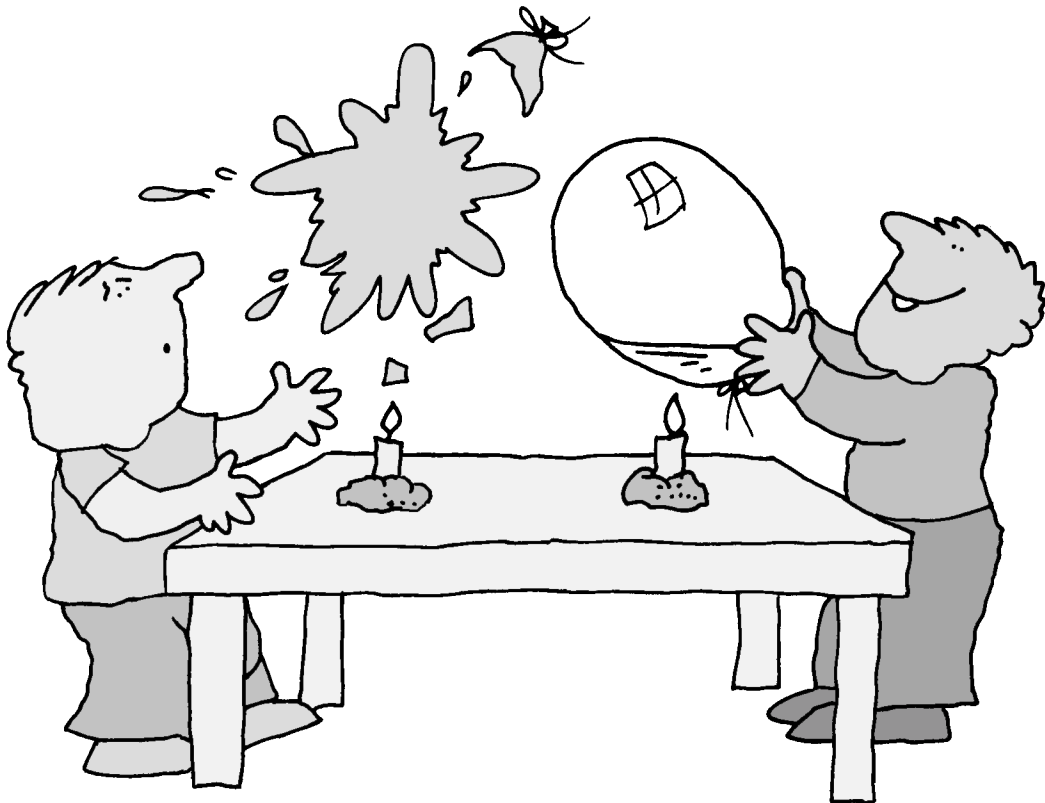
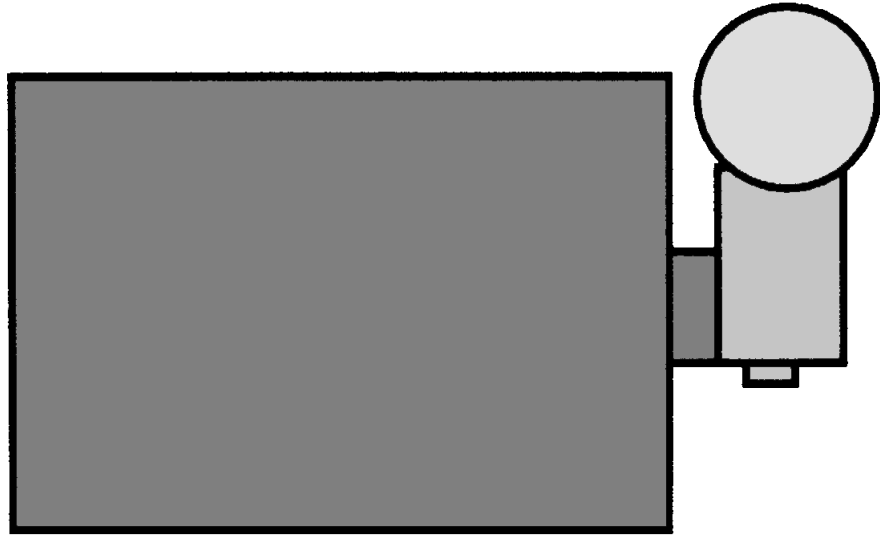
YES

conduction



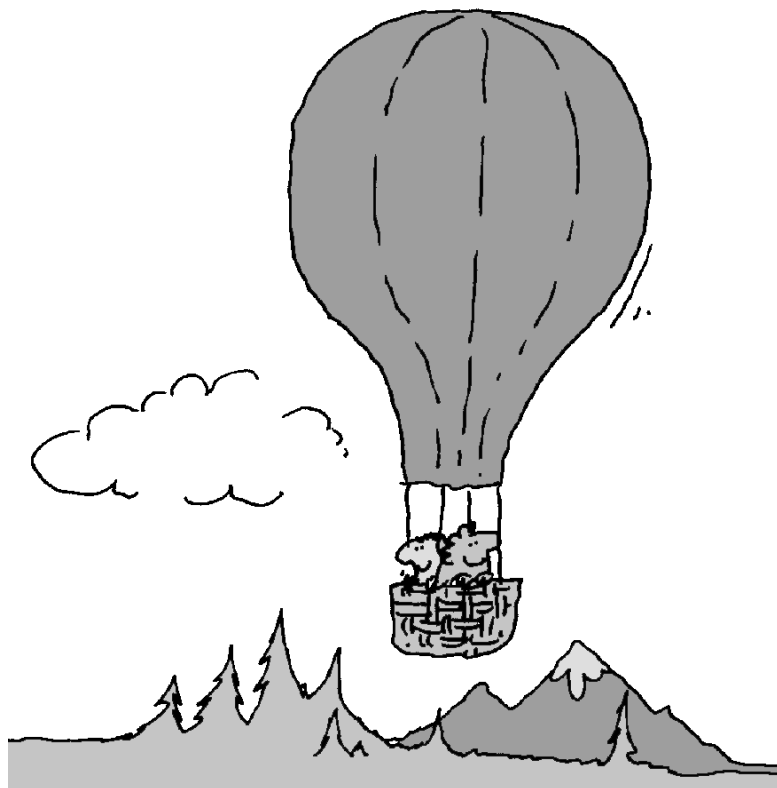
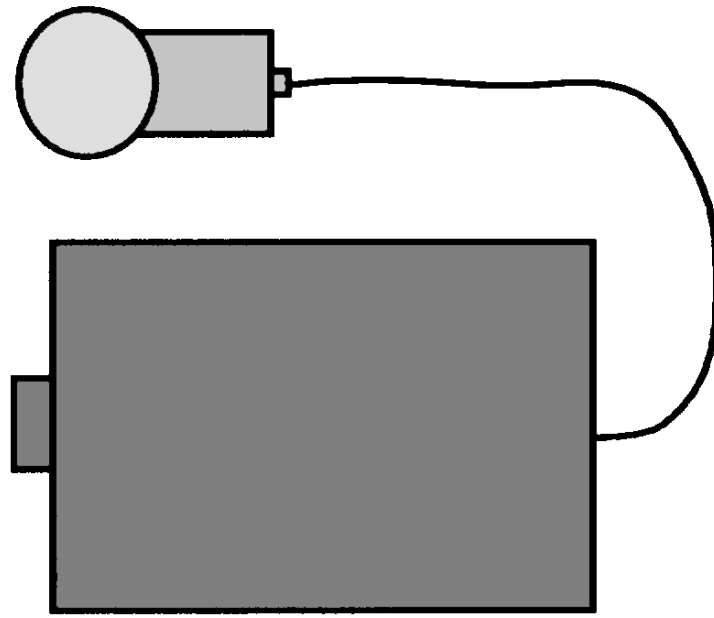
YES

conduction



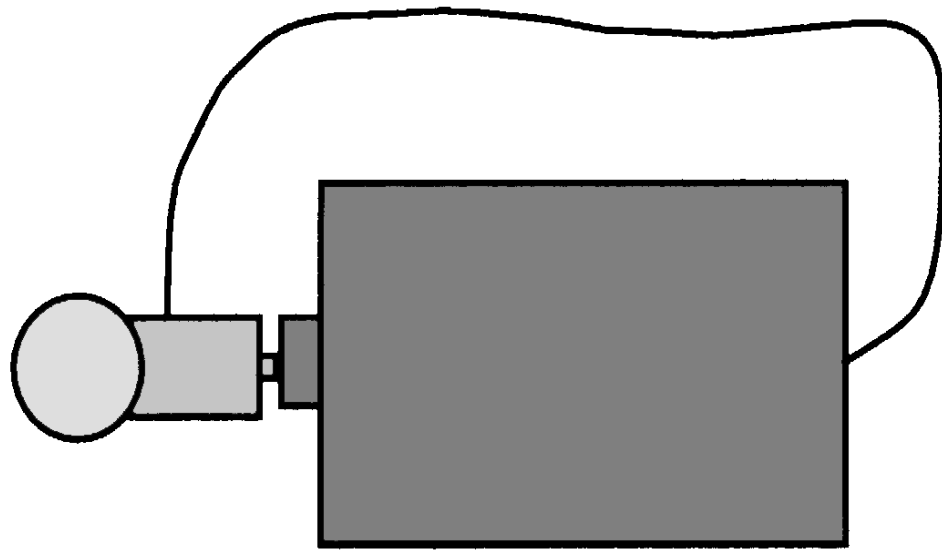
NO

conduction



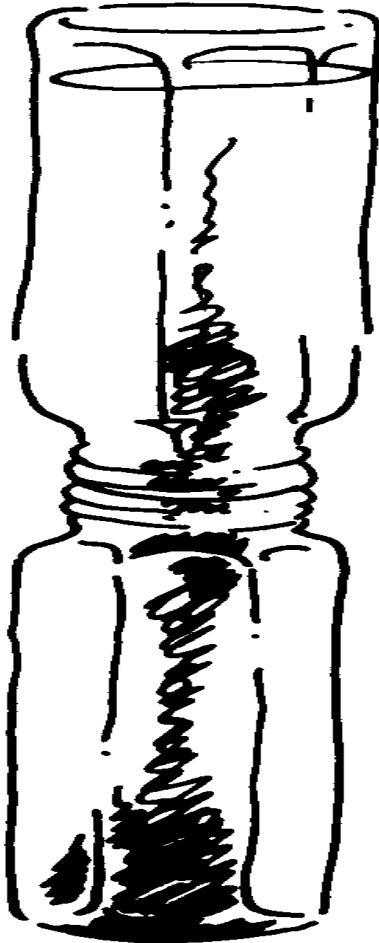
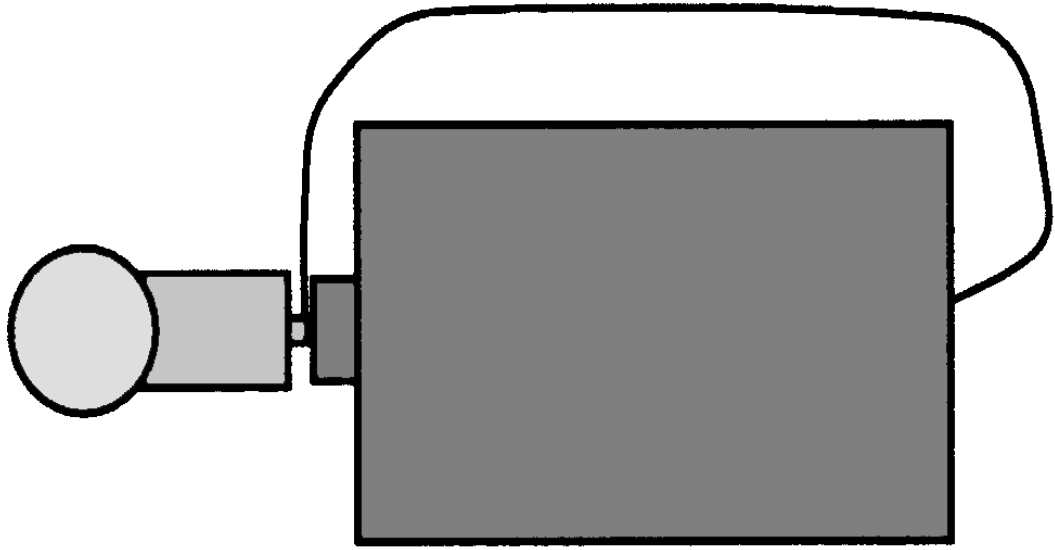
NO

convection



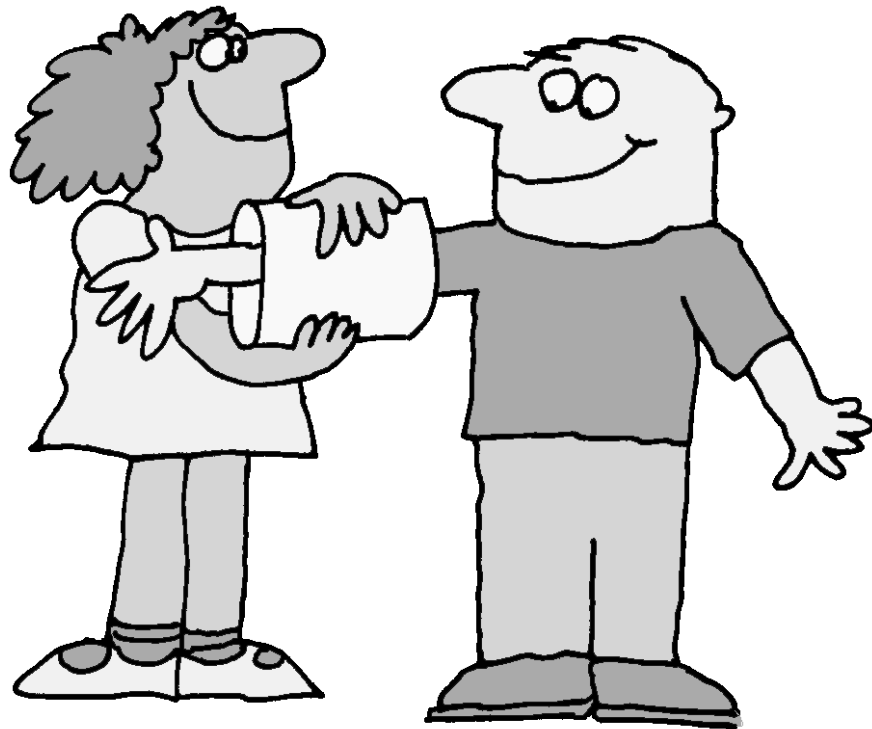
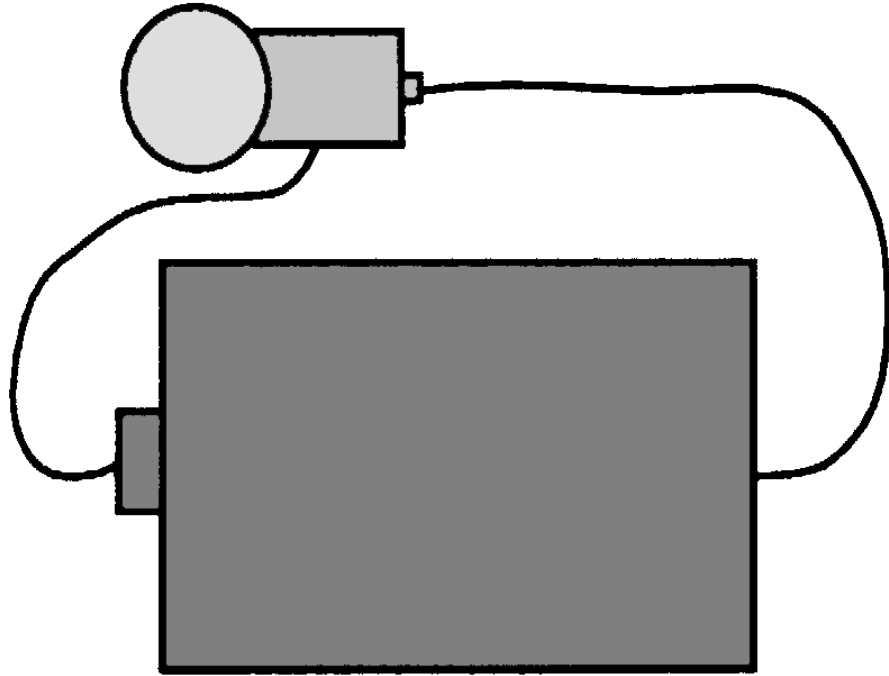
YES

convection



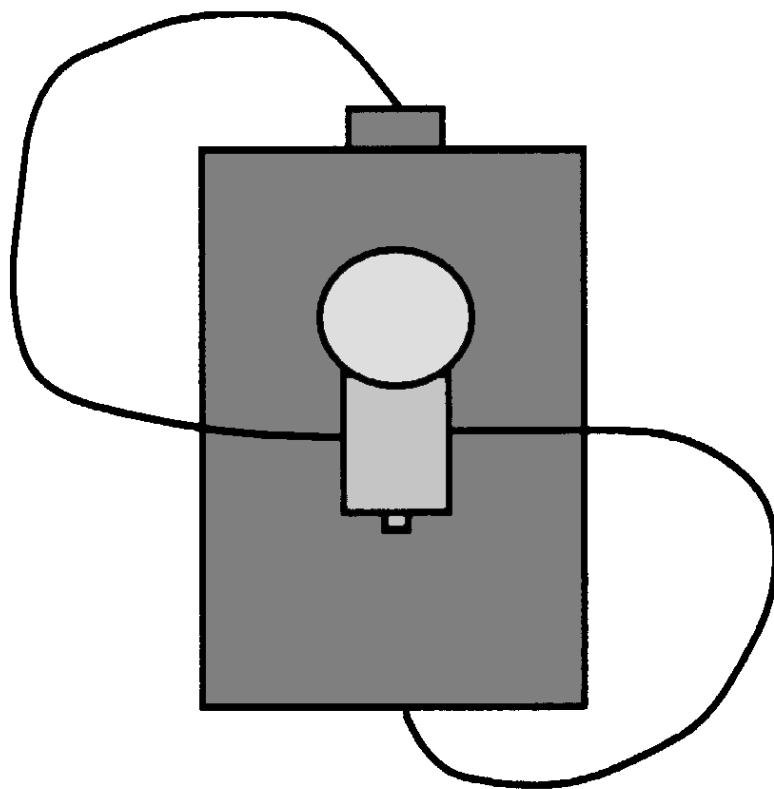
NO

convection



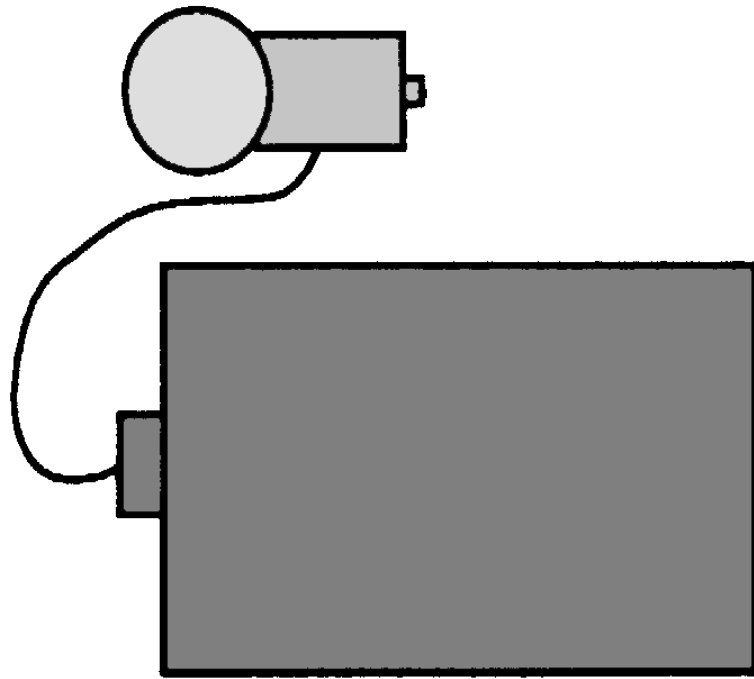
YES

radiation



NO

radiation

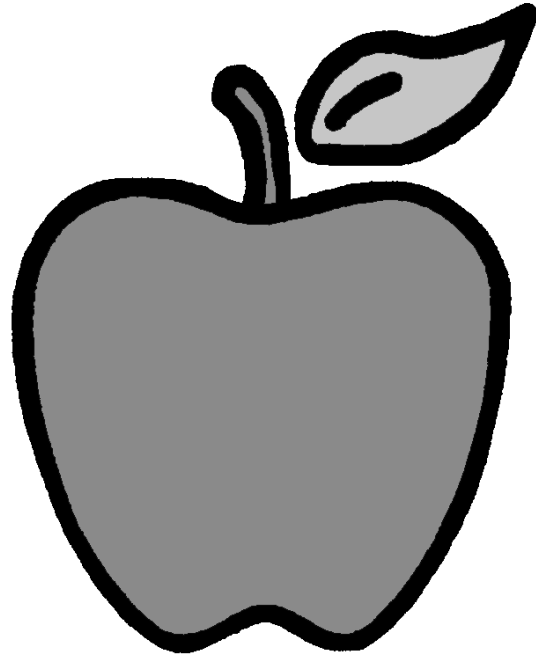


NO

radiation

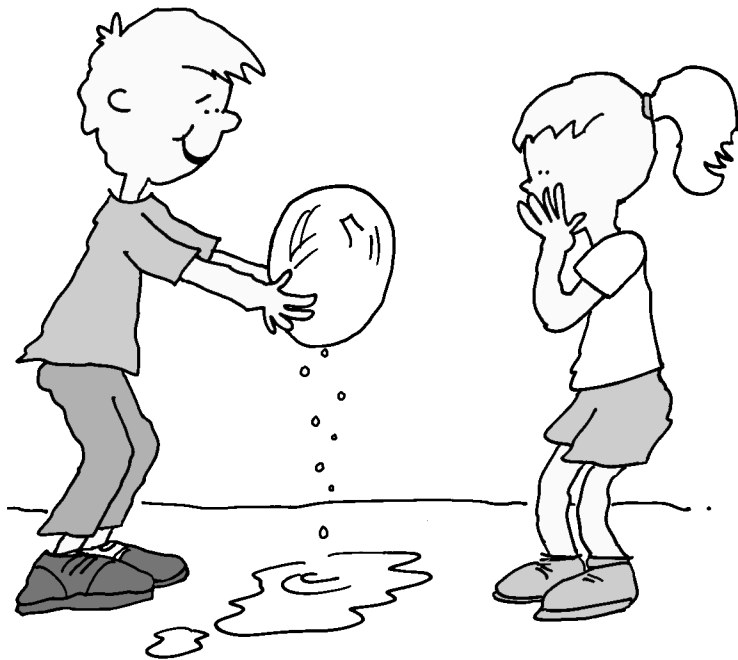
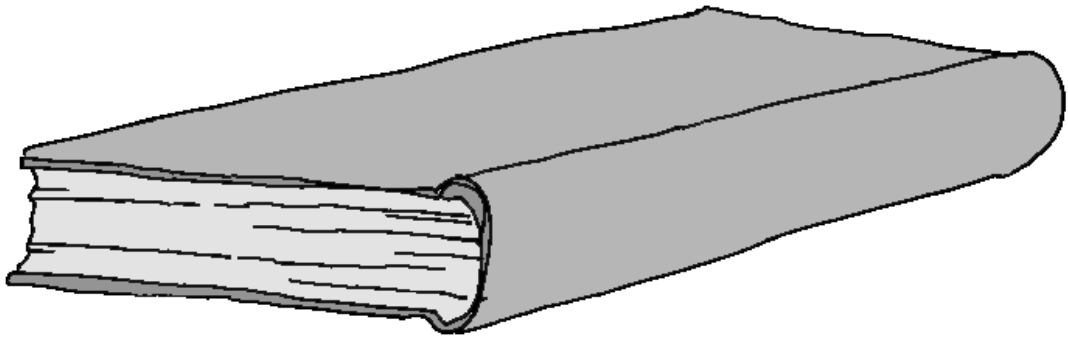
Is it a solid,
a liquid, or a gas?

Is it freeze, melt,
boil, or evaporate?



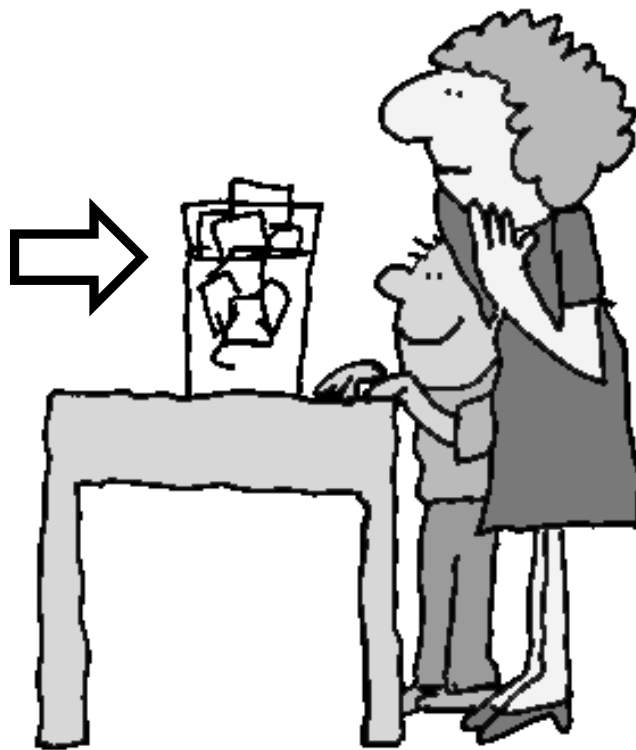
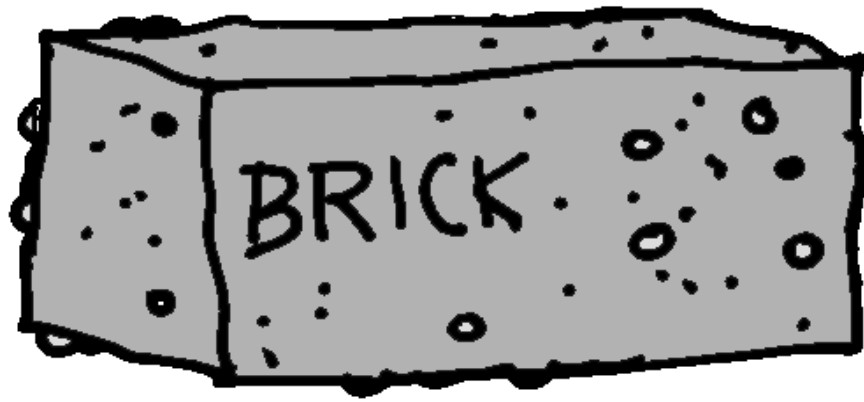
solid

melt



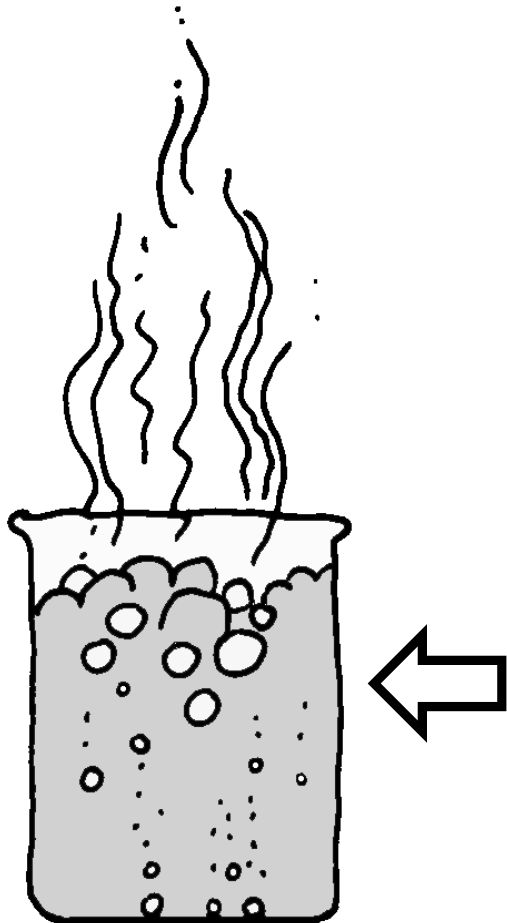
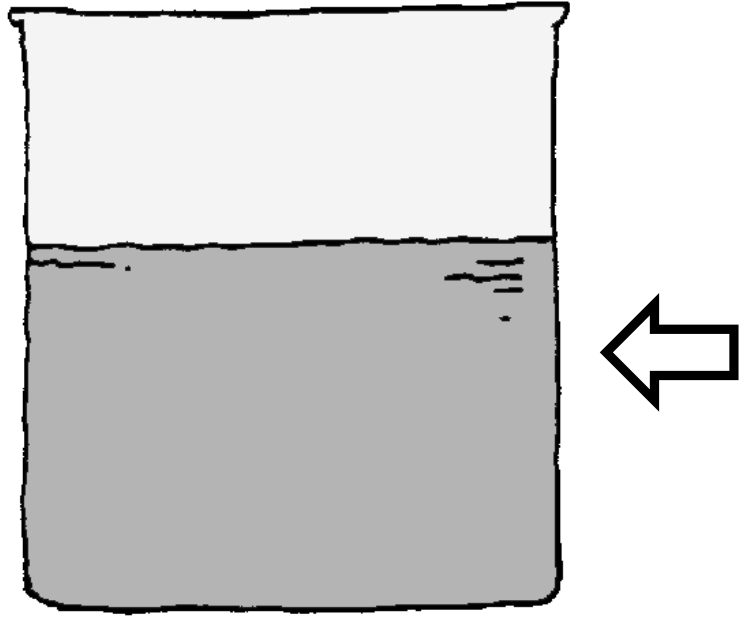
solid

melt



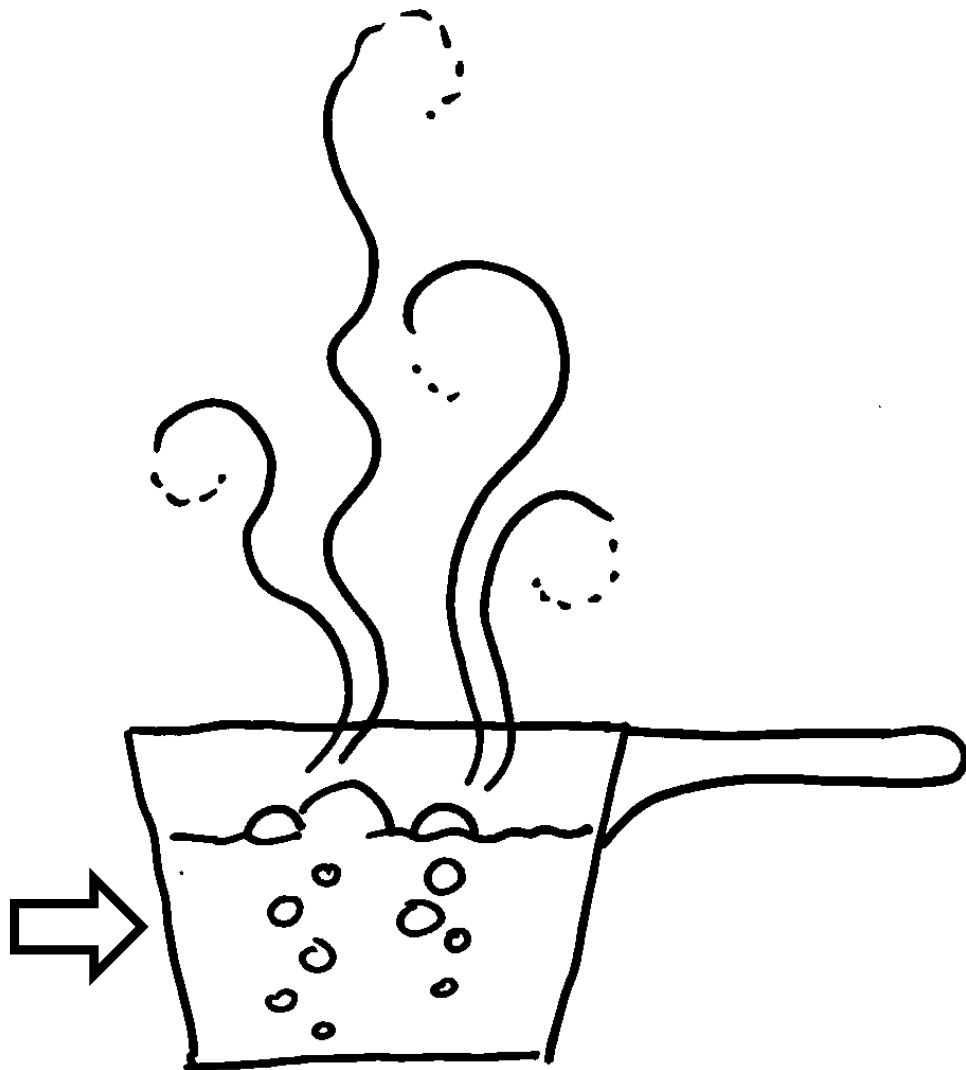
solid

melt



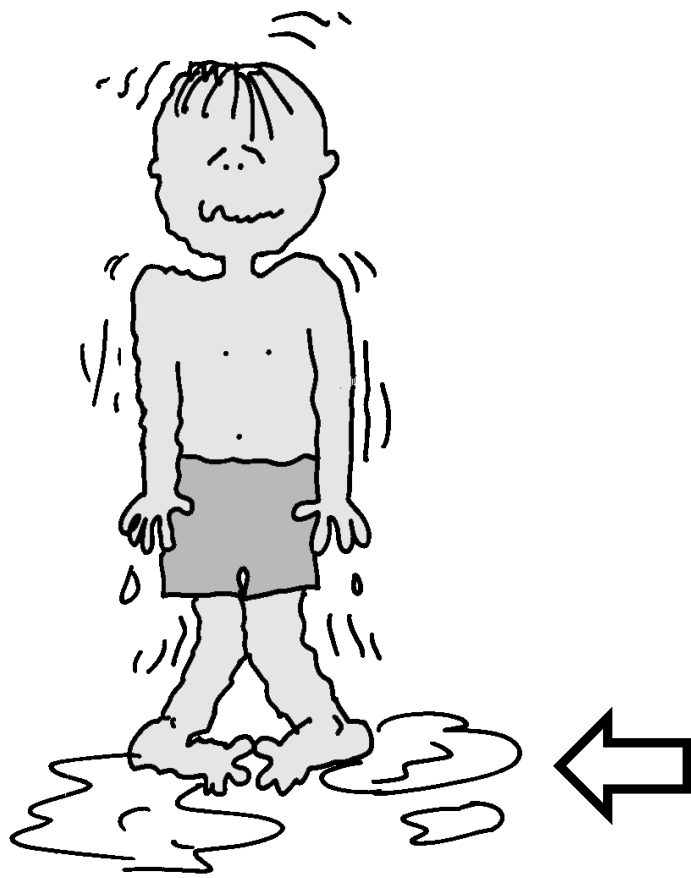
liquid

boil



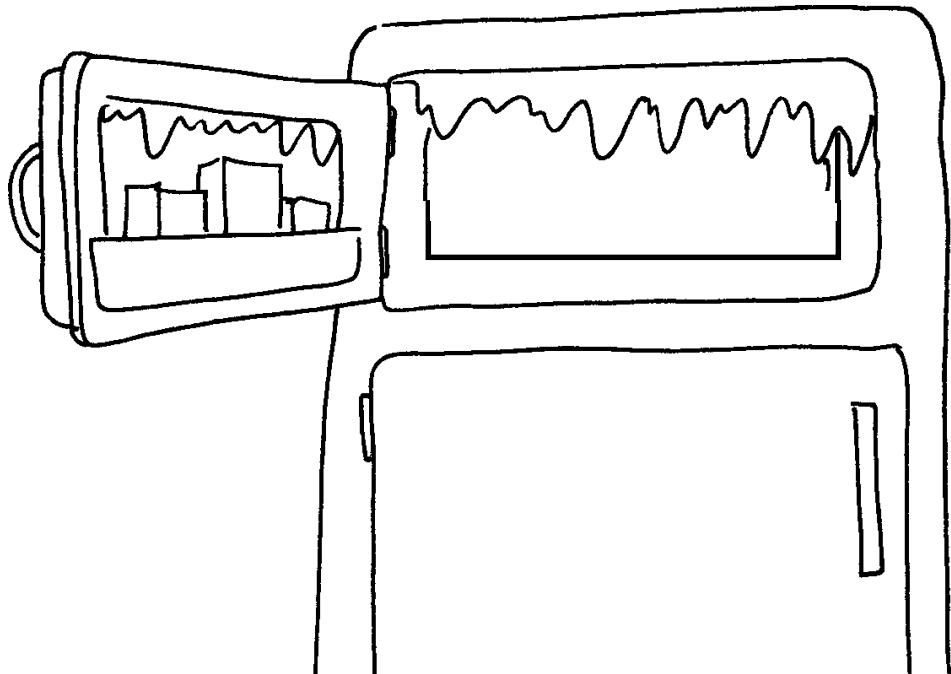
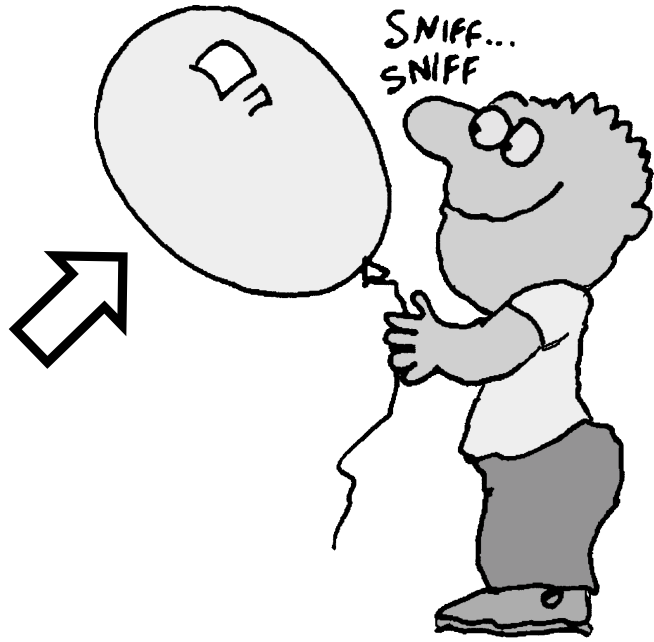
liquid

boil



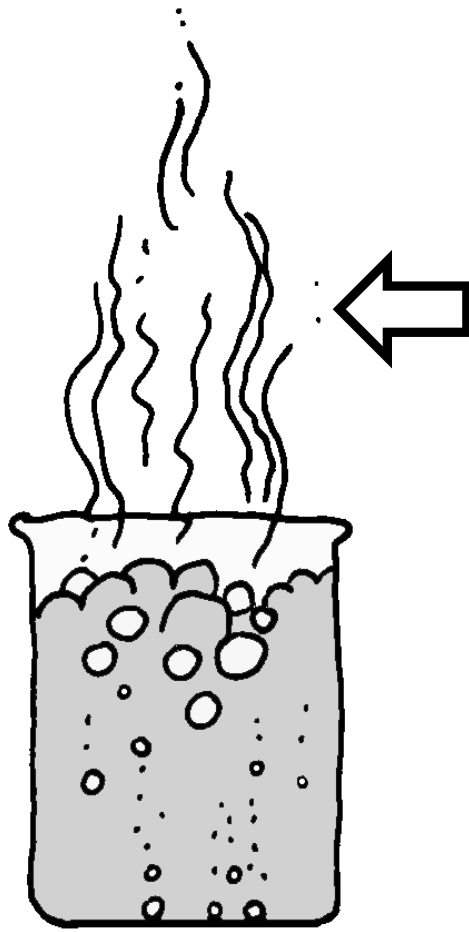
liquid

freeze



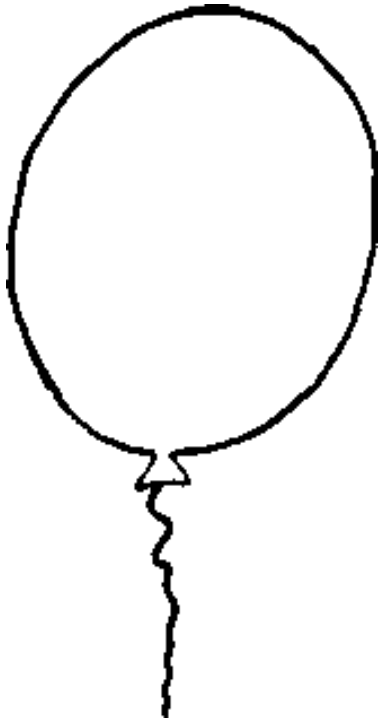
gas

freeze

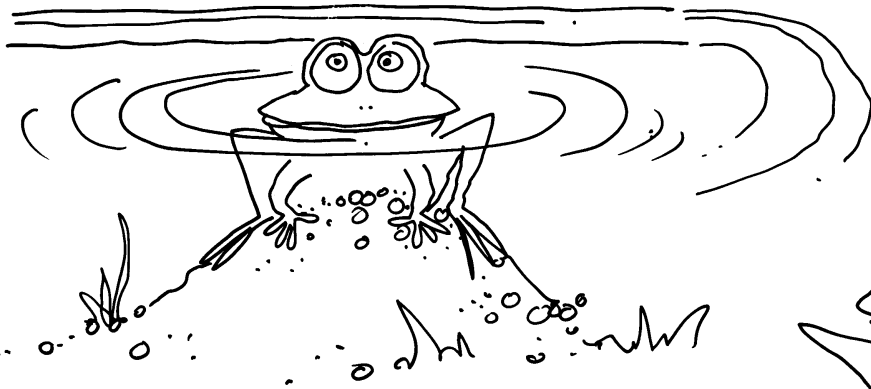


gas

evaporate



← inside

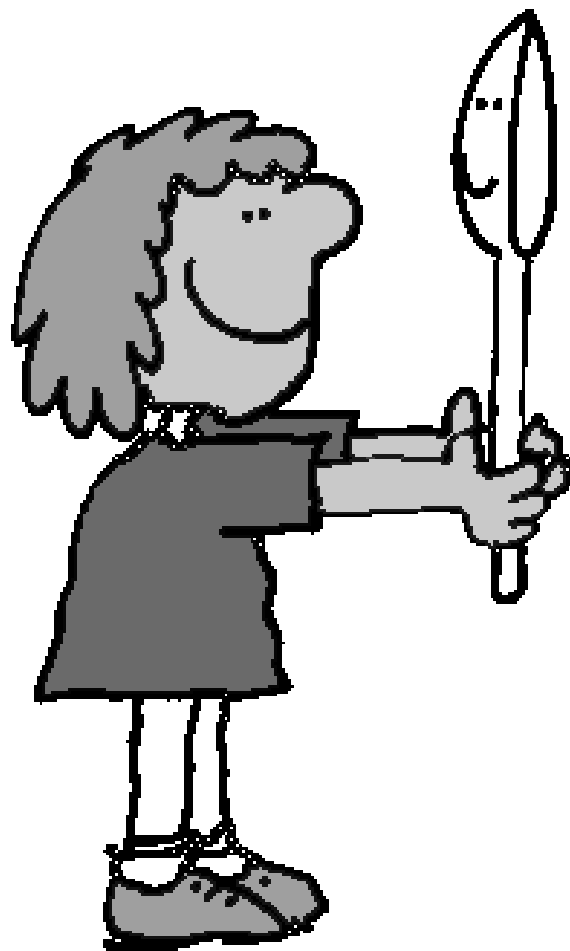
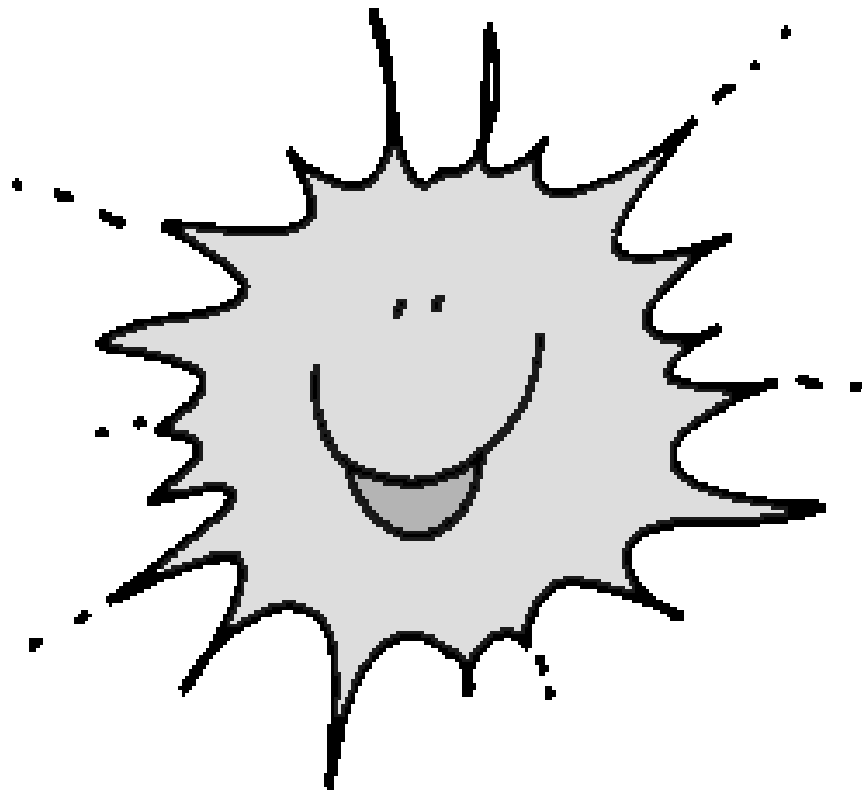


gas

evaporate

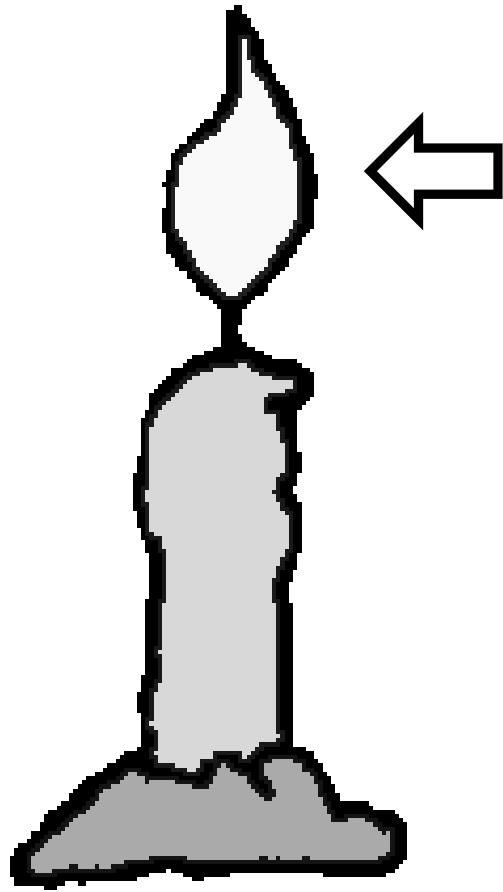
What kind of
energy?

Is it reflect,
refract, or absorb?



light

reflect



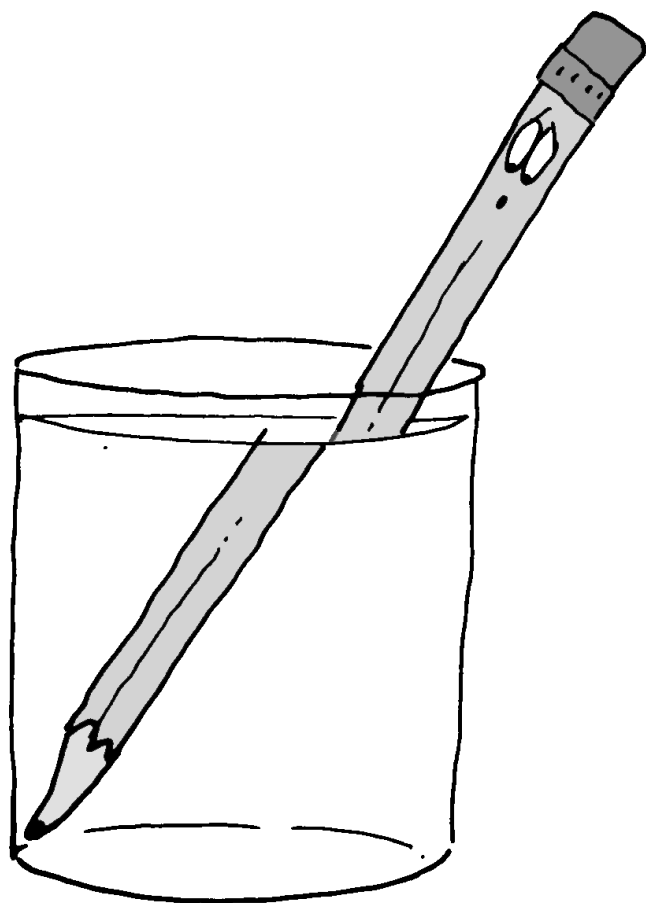
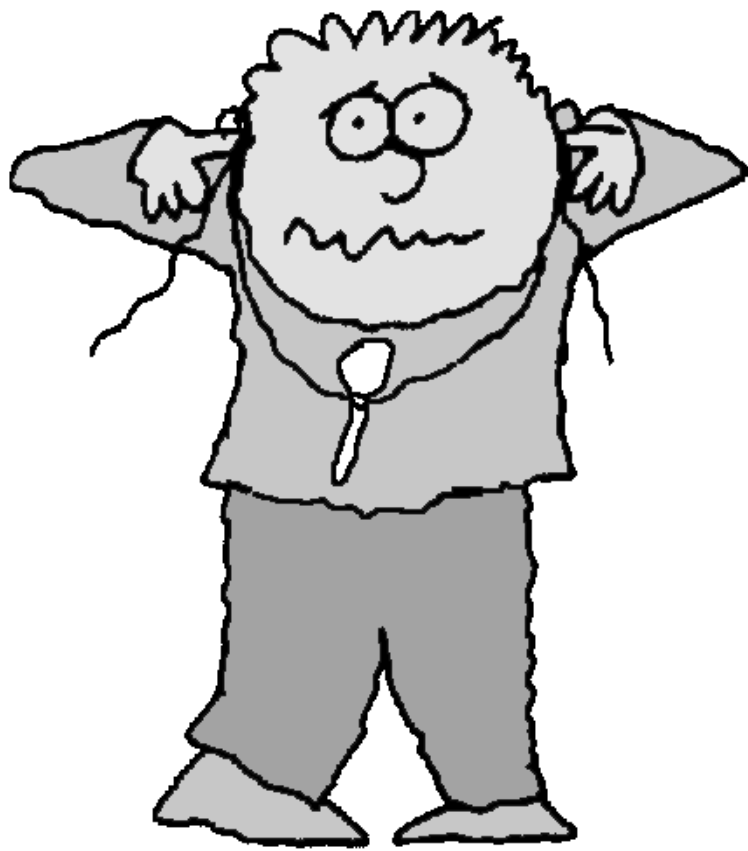
light and heat

reflect



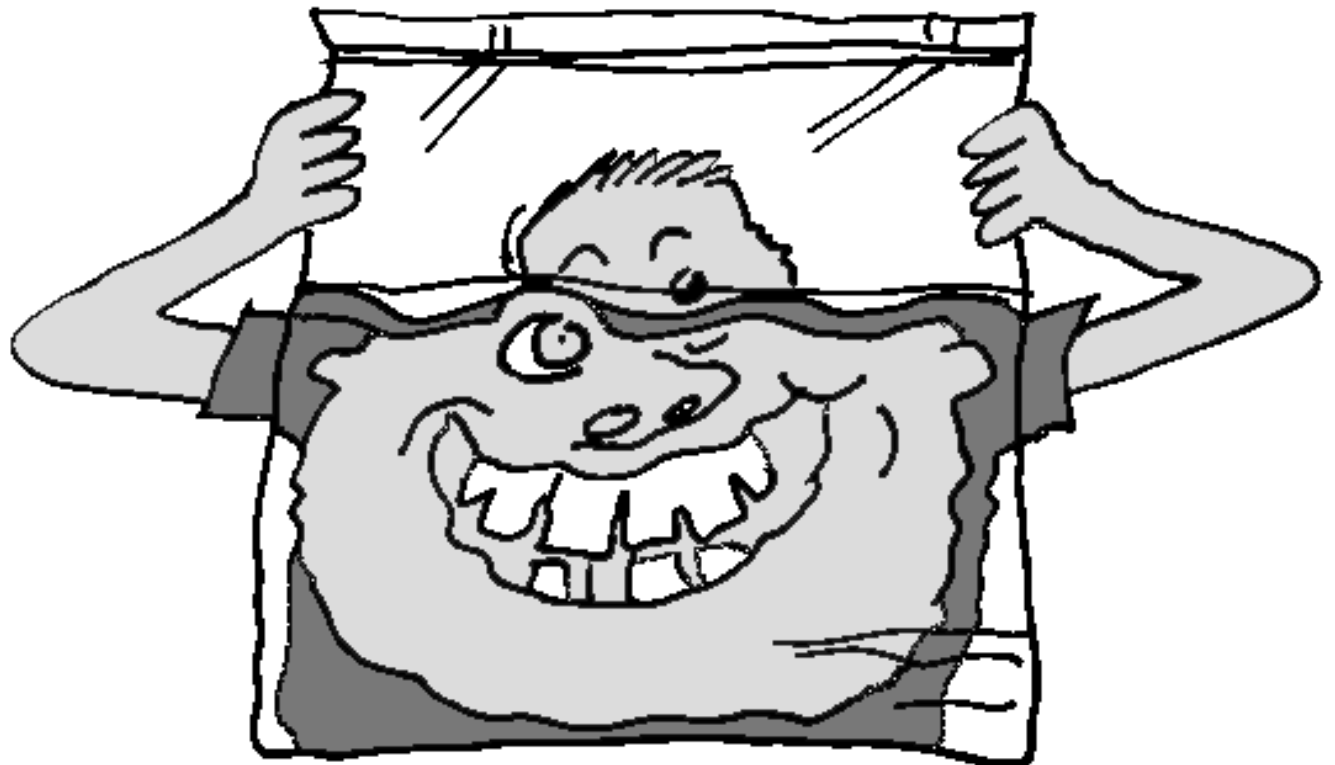
sound

reflect



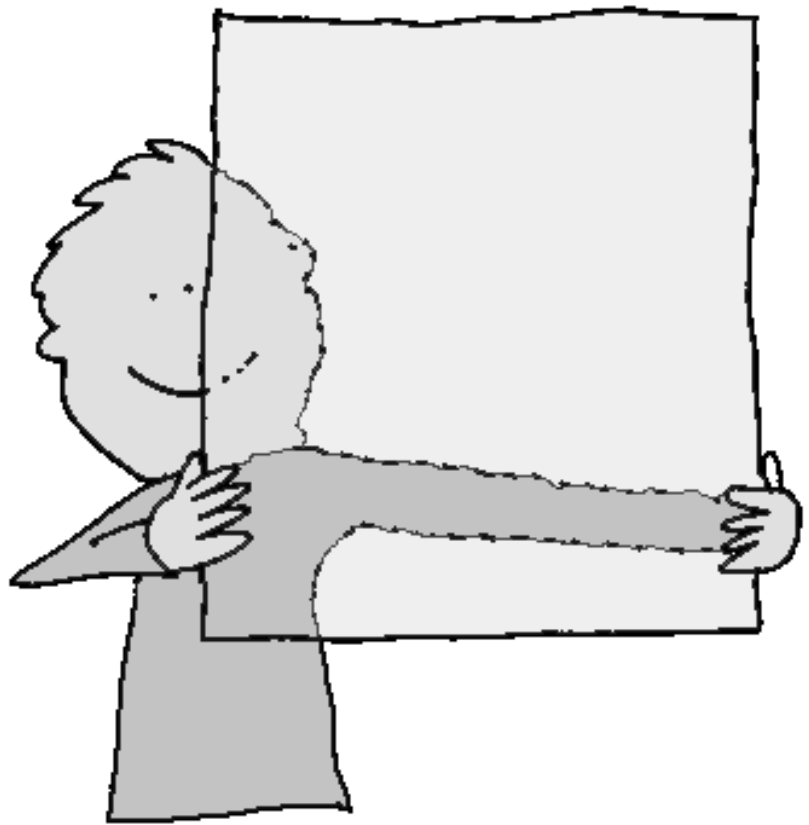
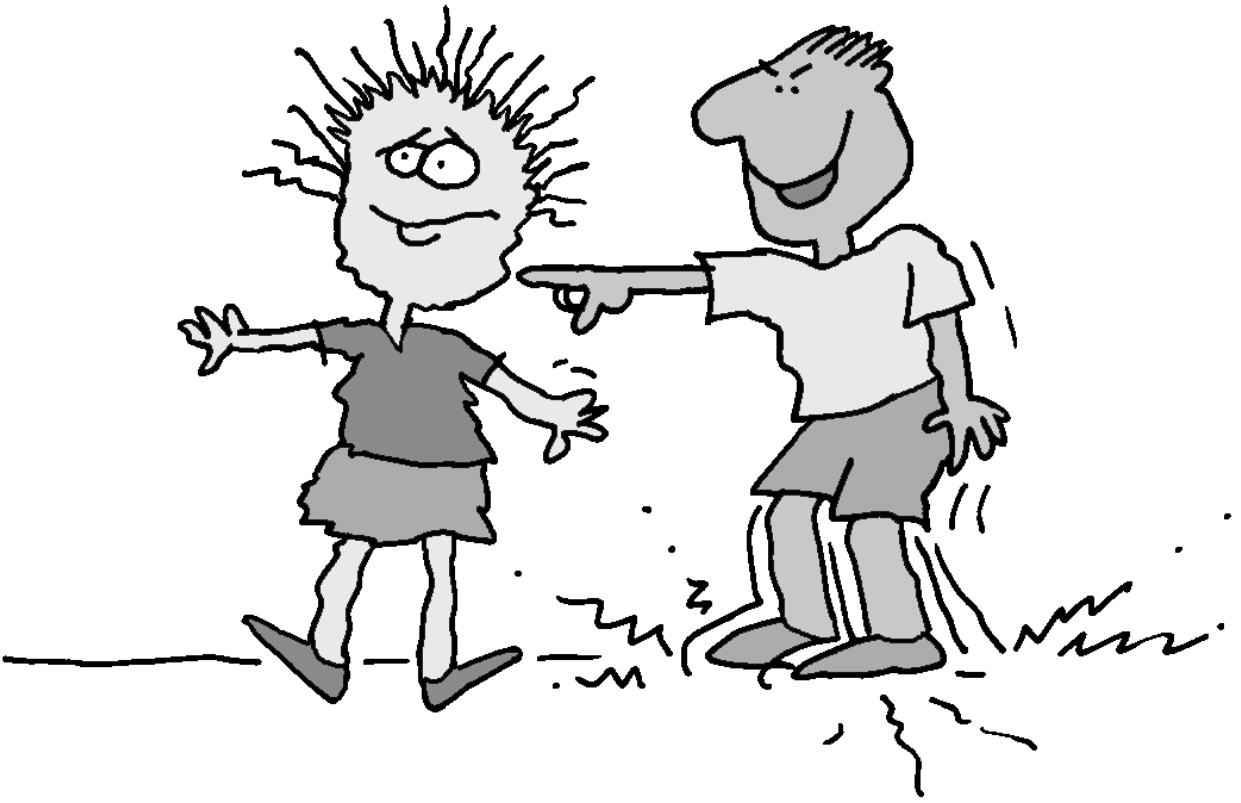
sound

refract



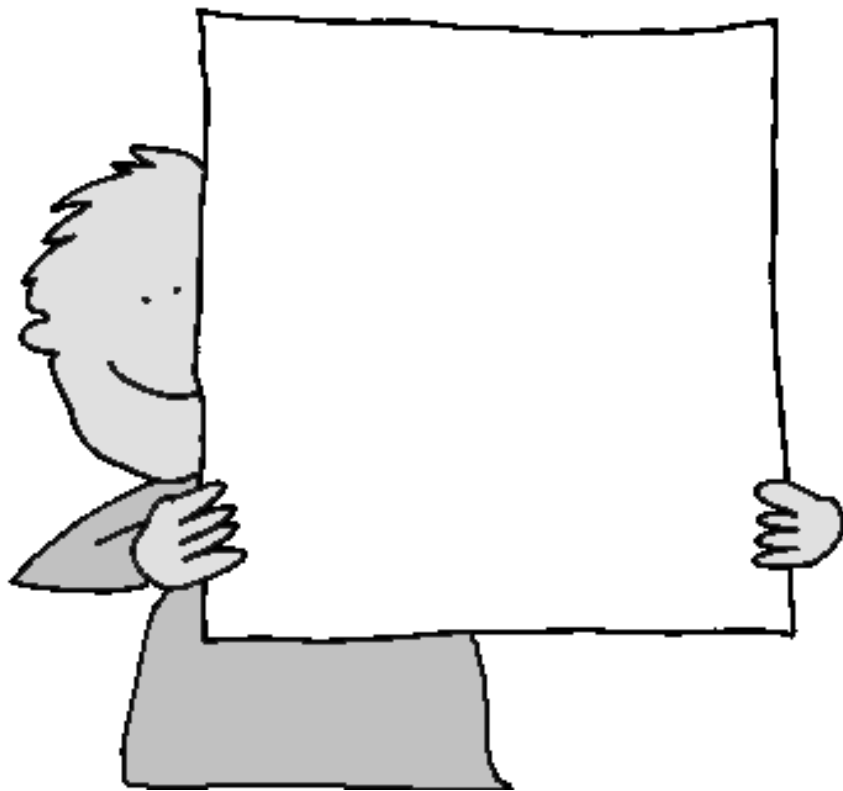
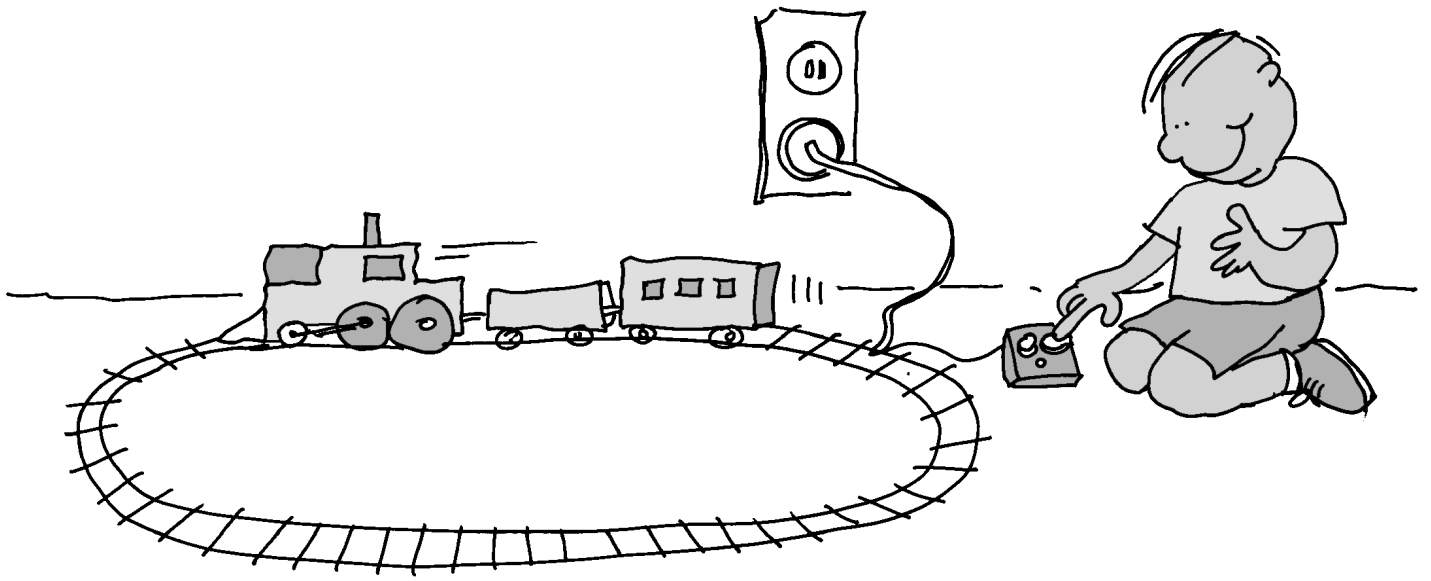
heat and light

refract



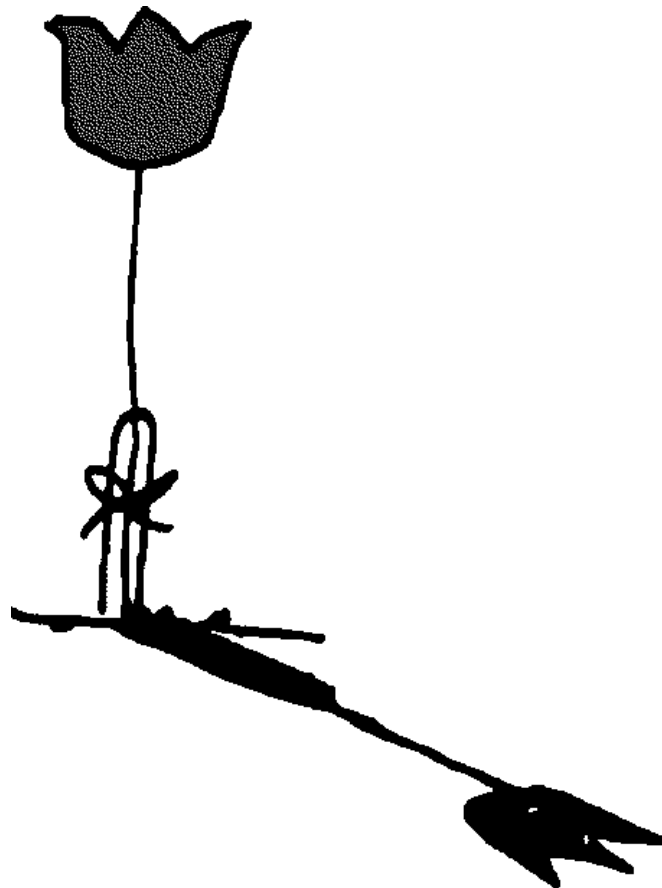
electricity

refract



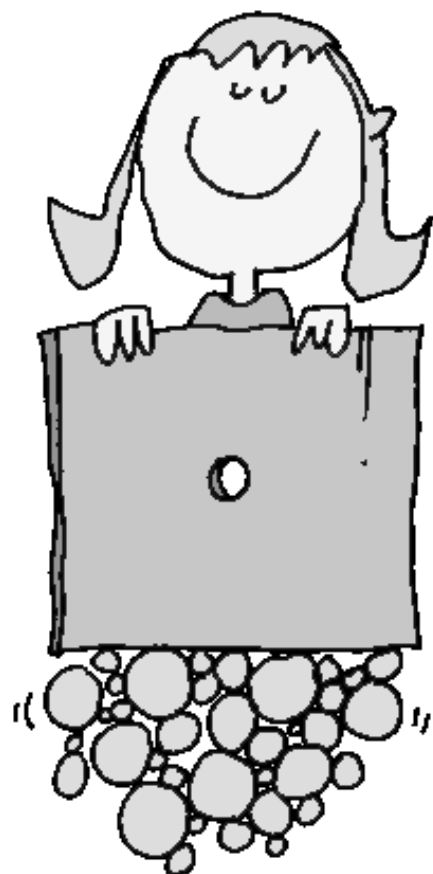
electricity

absorb



magnetism

absorb



magnetism