Science

Materials:
1/2 sheet tag (long)
elastic
velcro - soft and hard
contact paper

Make a thermometer

Directions:

1- Trace a thermometer on tag board. Cut out.

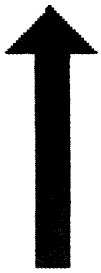
2- Draw a line 23" long. Make a 1/2" horizontal slit with craft knife at top and bottom.

3- Color with red marker 1/2 length of elastic. Insert through slits. Tie at back.

4 - Glue stick numbers on right.

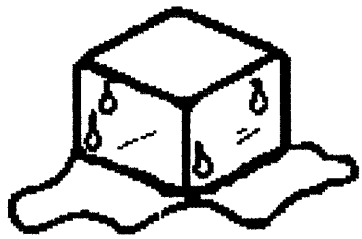
5 - Add velcro strip on left side for pictures. Communication pictures at top and bottom. Color, cut, contact pictures. Apply hard velcro to back.

up



down

freeze

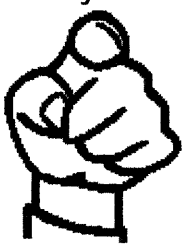


melt

summer

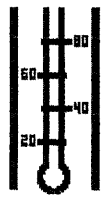
spring

do you



like the

temperature?



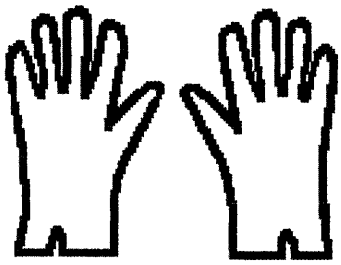
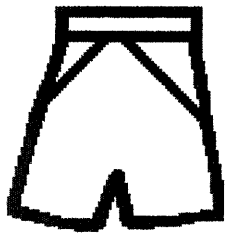
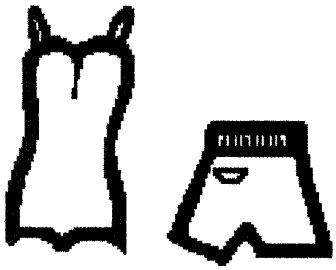
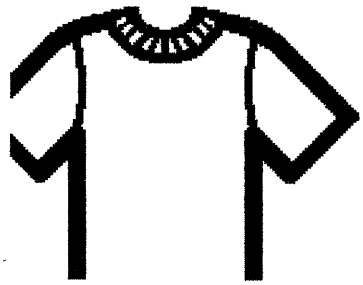
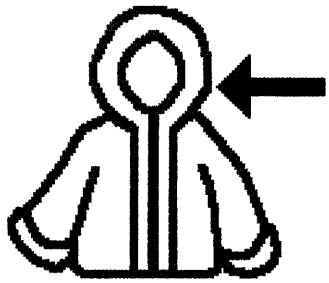
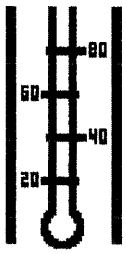
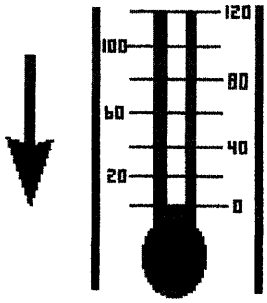
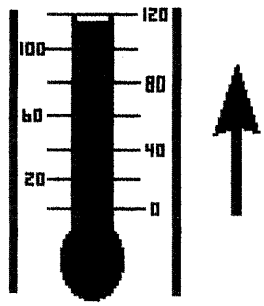
I like it

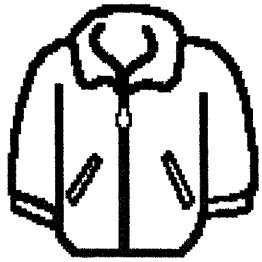
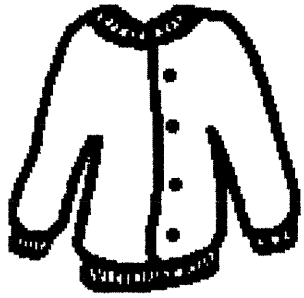
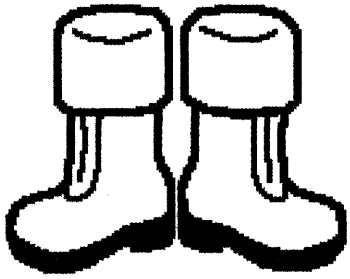
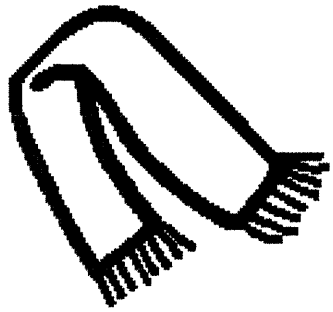
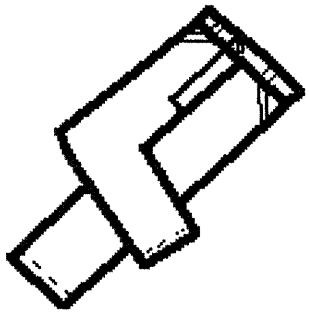
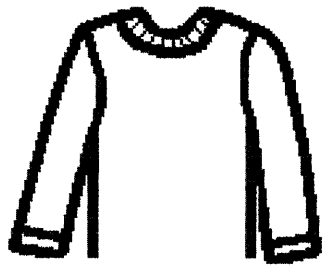
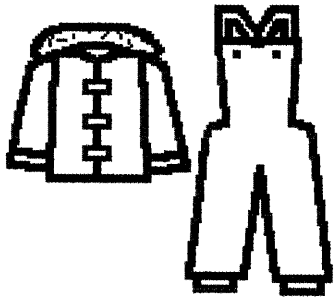
I don't like it

It's OK

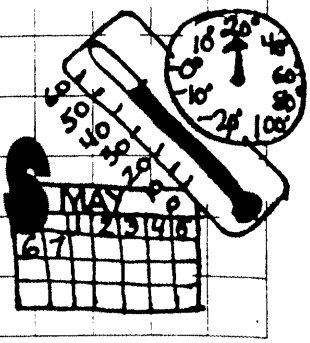
fall

winter

gloves 	mittens 	shorts 
bathing suit 	t-shirt 	hood 
what's the 	temperature 	hot 
cold 	cold 	hot 

raincoat 	jacket 	sweater 
snow boots 	rainboots 	scarf 
jeans 	sandals 	shirt 
sneakers 	snowsuit 	cap 

Tracking Temperatures



Motivator

Place one bowl filled with ice cubes and another bowl filled with warm water behind a "feely box."

Invite the children to take turns feeling the materials. Discuss the differences in temperatures of the contents.

Graphing Question

What are the outside temperature readings over the course of a week?

Key Graphing Elements

Learning how to record data on a line graph

Understanding how to read and interpret a line graph

Recognizing that the data on the graph represents change over time

Materials

Background graph (as drawn)

Outdoor thermometer

1/8" – 1/4" round colored stickers

Process

Establish a specific time to "read" the thermometer each day for a week.

Instruct a pair of students to read and share the day's temperature with the group.

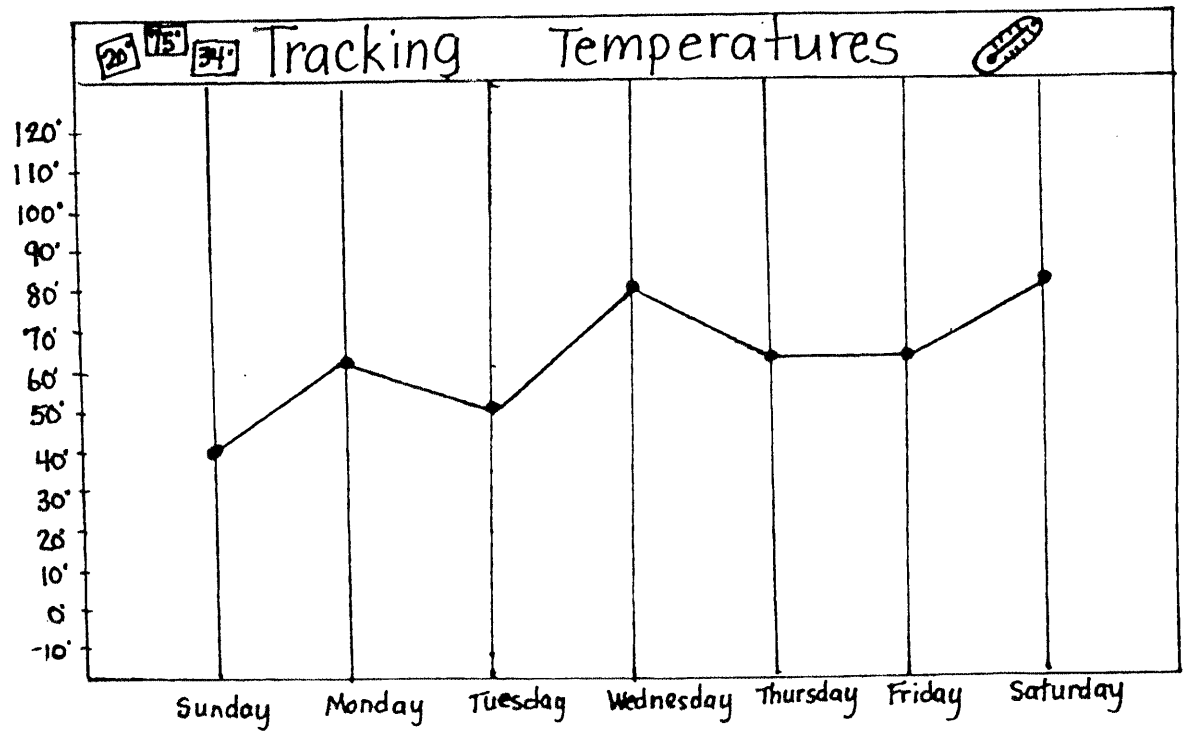
Have a different pair of students find the point on the background graph that marks that day's temperature along with the correct day of the week column.

Place the sticker at the point just located.

Connect each day's "sticker point" with a line drawn using a ruler.

Discuss the meaning of the visual display.

At the week's end, draw conclusions from the graph.



0	10	20	30	40	50	60
70	80	90	100			

Tracking Temperatures

Ask 10 people if they prefer hot or cold weather. Use a tally mark in column for each person's response. Draw conclusions.