Name: _____ Date: _____

A Thermometer Tells How Hot

Circle group

How hot is it? How cold is it? A thermometer can tell you.

A thermometer is a tool. It measures heat. Many have a thin glass tube with a line of liquid in it. They have numbers on the side.

When the air is warm, the liquid goes up. When the air is cold, the liquid goes down. You read the number where it stops.

A high number means hot. A low number means cold. People use it to know what to wear.

Questions

1. What does a thermometer measure?

_____

_____

2. What is in the thin glass tube?

_____

_____

3. What does the liquid do when the air is warm?

_____

_____

4. The liquid stops at a low number. Is it hot or cold?

_____

_____

5. Why do people use a thermometer?

_____

_____

Words to know

thermometer: a tool that shows how hot or cold something is
measures: finds out how much or how big
tube: a long, thin, hollow pipe
liquid: something wet that can pour, like water

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

A Thermometer Tells How Hot

Triangle group

How hot is it outside? How cold is it? A thermometer can tell you.

A thermometer is a tool that measures heat. Many have a thin glass tube with a line of liquid inside. They also have numbers on the side.

When the air gets warm, the liquid goes up the tube. When the air gets cold, the liquid goes down. You read the number where the liquid stops.

A high number means it is hot. A low number means it is cold. People use a thermometer to know what to wear.

Questions

1. What does a thermometer measure?

_____

_____

2. What is inside the thin glass tube?

_____

_____

3. What does the liquid do when the air gets warm?

_____

_____

4. The liquid stops at a low number. Is it hot or cold outside?

_____

_____

5. Why do people use a thermometer?

_____

_____

Words to know

thermometer: a tool that shows how hot or cold something is
measures: finds out how much or how big
tube: a long, thin, hollow pipe

liquid: something wet that can pour, like water

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

A Thermometer Tells How Hot

Square group

How hot is it outside today, and how cold is it? A thermometer can give you the answer.

A thermometer is a tool that measures how much heat is in something. Many of them have a long, thin glass tube with a line of liquid inside. Numbers are printed along the side of the tube.

When the air becomes warm, the liquid rises up the tube. When the air becomes cold, the liquid sinks back down. You read the number at the place where the liquid stops.

A high number means that it is hot, and a low number means that it is cold. People use a thermometer to decide what they should wear.

Questions

1. What does a thermometer measure?

_____

_____

2. What is inside the long, thin glass tube?

_____

_____

3. What does the liquid do when the air becomes warm?

_____

_____

4. The liquid stops at a low number. Is it hot or cold outside? How do you know?

_____

_____

5. Why do people use a thermometer?

_____

_____

Words to know

thermometer: a tool that shows how hot or cold something is
measures: finds out how much or how big
tube: a long, thin, hollow pipe
liquid: something wet that can pour, like water

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

For the teacher: A Thermometer Tells How Hot

Each student sheet carries a shape, not a level. The same topic and facts, written three ways.

Circle: A Thermometer Tells How Hot

Easier · 83 words · Flesch-Kincaid grade 1.1

1. It measures heat.
2. A line of liquid.
3. It goes up.
4. It is cold, because a low number means cold.
5. To know what to wear.

Triangle: A Thermometer Tells How Hot

This passage · 92 words · Flesch-Kincaid grade 2.3

1. It measures heat.
2. A line of liquid.
3. It goes up the tube.
4. It is cold outside, because a low number means cold.
5. To know what to wear.

Square: A Thermometer Tells How Hot

Harder · 114 words · Flesch-Kincaid grade 4.1

1. It measures how much heat is in something.
2. A line of liquid.
3. It rises up the tube.
4. It is cold outside, because a low number means that it is cold.
5. To decide what they should wear.