

## What Do You Feel? Parent Instructions

This experiment will allow your child to explore the sense of touch by using the steps of scientific inquiry: 1) observe, 2) hypothesize, 3) experiment, 4) conclude.

### Materials:

sock or glove

pillowcase

5 things found in your house

### Step 1: Observe

Have your child take a walk around the house and find something that is smooth, something that feels rough, something that is hard, and something that is soft. Have your child write down the name of each object in the experiment log.

### Step 2: Hypothesize

Read the Kid's Instructions page with your child. Ask your child to name some other things that are soft, hard, rough, or smooth. Have your child think of some other words that describe how something feels, like wet or slimy. Write down these "feel words" in the experiment log.

### Step 3: Experiment

1. Put 5 objects inside a pillowcase.
2. Have your child put a glove or sock on his/her hand and reach into the pillowcase without looking.
3. Ask your child to name the things inside the pillowcase.
4. Have your child write down what he/she thinks is inside.
5. Tell your child to take the glove or sock off, and reach into the pillowcase again, without looking.
6. Ask your child to name what he/she feels now.

### Step 4: Conclude

Open the pillowcase. Did your child guess correctly? Which objects were the easiest to recognize? Which were the hardest? How did they feel? Have your child write down his/her answers under "My Conclusion" in the experiment log.

## What Do You Feel? Kid's Instructions

How important is your sense of touch? Find out with this Hands-on-Activity!

### Step 1: Observe

Look around your house for things that are smooth, rough, soft and hard.

What can you find?

Write down your observations in the experiment log.

### Step 2: Hypothesize

Think of some other things that are smooth, rough, soft, or hard.

Would you know what they were if you couldn't see them?

Write down 2 more words that tell you how something feels.

### Step 3: Experiment

1. Have your parent or another adult put 5 different things in a pillowcase. Don't watch!
2. Put a sock or a glove on your hand and reach into the pillowcase. Do you know what is inside?
3. Guess what is in the pillowcase and write your answer on the experiment log.
4. Take the sock/glove off your hand and reach inside again. Now what

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do you think is inside?

#### Step 4: Conclude

Look at what is inside the pillowcase. Did you guess right?

Which things were the easiest to guess? Which were the hardest?

Write your answers on the experiment log, under "My Conclusions."

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## Experiment Log: What Do You Feel?

1. What I Observed:

2. My Hypothesis and "Feel Words":

3. What I Thought Was Inside The Pillowcase:

4. My Conclusion: