

Material Detectives

Students ask comparison questions aloud, then sort classroom items by material.

SKP1.a "Ask questions to compare and sort objects made of different materials. (Common materials include clay, cloth, plastic, wood, paper, and metal.)"

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 ASK QUESTIONS

a	SMOOTH	HARD	COLOR
b	COLOR	HARD	BEND
c	SMOOTH	COLOR	BEND

2 SORT MATERIALS

PENCIL	•	•	METAL
CLIP	•	•	PAPER
PAPER	•	•	WOOD

HOW TO RUN THIS PAGE

Place a pencil, a paper clip, and a sheet of paper where students can touch them. Read each prompt aloud, invite students to say a comparison question, and have them mark the page to show their thinking. Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • ASK QUESTIONS

SAY “Look at the pencil, paper clip, and paper. For each row, I will read the words. Say a question that uses the word you choose to compare the two things, then circle that word.”

ROW	SAY	STUDENTS CIRCLE
a	Touch the pencil and the paper clip. Which word helps us ask a question about how hard they are: smooth, hard, or color? Circle the word you choose.	HARD
b	Touch the paper and the paper clip. Which word helps us ask a question about bending: color, hard, or bend? Circle the word you choose.	BEND
c	Touch the pencil and the paper. Which word helps us ask a question about how smooth they feel: smooth, color, or bend? Circle the word you choose.	SMOOTH

PART 2 • SORT MATERIALS

SAY “Look again at the pencil, paper clip, and paper. What is each thing mostly made of? Draw a line from each thing on the left to its material word on the right.”

- **PENCIL** matches **WOOD**
- **CLIP** matches **METAL**
- **PAPER** matches **PAPER**

WHAT TO ACCEPT

Circle HARD, BEND, and SMOOTH, in that order. Match PENCIL to WOOD, CLIP to METAL, and PAPER to PAPER; accept oral comparison questions that fit the selected property.