

Earth Material Detectives

Students listen to clues about soil, rocks, water, and air, then mark matching attributes.

SKE2 "Obtain, evaluate, and communicate information to describe the physical attributes of earth materials (soil, rocks, water, and air)."

NAME _____

DATE _____

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

1 CIRCLE IT _____

a	hard	moving	wet
b	wet	grainy	dry
c	smooth	rough	wet

2 DRAW LINES _____

soil	•	•	hard
rock	•	•	wet
water	•	•	grainy

HOW TO RUN THIS PAGE

Read each clue aloud and pause while students make one mark. Students obtain information from the spoken clues, evaluate which attribute fits, and communicate their thinking by circling and drawing lines. Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • CIRCLE IT

SAY "Listen to each clue. I will read the words in the row. Circle the word that best describes the earth material."

ROW	SAY	STUDENTS CIRCLE
a	Air can push on your hand when it blows. Which word, hard, moving, or wet, describes the air? Circle it.	moving
b	Soil has sat in the sun and has not had rain. Which word, wet, grainy, or dry, describes the soil? Circle it.	dry
c	A rock feels even and has no bumpy parts. Which word, smooth, rough, or wet, describes the rock? Circle it.	smooth

PART 2 • DRAW LINES

SAY "I will read the words in both columns. For each earth material on the left, draw a line to the word on the right that describes it best."

- **soil** matches **grainy**
- **rock** matches **hard**
- **water** matches **wet**

WHAT TO ACCEPT

Circle answers are moving, dry, and smooth. Match soil to grainy, rock to hard, and water to wet.