

Rock Group Reasons

Students use rock clues to make and support grouping claims.

SKE2.b "Construct an argument supported by evidence for how rocks can be grouped by physical attributes (size, weight, texture, color)."

NAME _____

DATE _____

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

1 CIRCLE REASONS

a	small	large	blue
b	red	rough	smooth
c	black	heavy	light

2 MATCH REASONS

J+K	•	•	black
M+N	•	•	heavy
P+Q	•	•	smooth

HOW TO RUN THIS PAGE

Read each rock clue aloud and have students state a grouping claim using the words because and are. Students show the group attribute by circling or matching the printed word.

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 REASONS

SAY "Listen to the clues about rocks. For each row, say, "I group these rocks because they are ____," then circle the word that completes your claim."

ROW	SAY	STUDENTS CIRCLE
a	Rocks A and B are small. Rock C is large. Which word completes your claim for rocks A and B: small, large, or blue?	small
b	Rocks D and E feel rough. Rock F feels smooth. Which word completes your claim for rocks D and E: red, rough, or smooth?	rough
c	Rocks G and H are light. Rock I is heavy. Which word completes your claim for rocks G and H: black, heavy, or light?	light

PART 2 • MATCH REASONS

SAY "Rocks J and K feel smooth. Rocks M and N are black. Rocks P and Q are heavy. Draw each line, then say, "I group these rocks because they are ____." What word matches each pair?"

- **J+K** matches **smooth**
- **M+N** matches **black**
- **P+Q** matches **heavy**

WHAT TO ACCEPT

Circle rows: small, rough, light. Match J+K to smooth, M+N to black, and P+Q to heavy. Accept an oral claim that names the shared attribute and uses the rock clue as evidence.