

A Signal That Repeats

Use a pattern to help partners take turns.

K.5.A · identify and use patterns to describe phenomena or design solutions;

Name _____ Date _____

Read the signal

A circle means “my turn.” A square means “your turn.” Look at the signal. Point to each symbol and say whose turn it is. Draw the next two symbols.



Design a signal

Choose two different shapes. Decide which means my turn and which means your turn. Draw your signal for six turns. Make sure the partners alternate.

Test and explain

With a partner, follow your signal by pointing once for each turn. Did both partners know when to go? Tell an adult what repeated and whether you changed your design.

Teaching and assessment

Read directions aloud as needed. Let children inspect the printed stimuli before responding. Accept pointing, drawing or oral explanation. Do not supply the core or rule. Assess the pattern, not artistic neatness.

1

Next circle-square. The core alternates partner turns.

2

Accept any two distinct shapes with a stated key and three complete alternating repetitions.

3

Materials: worksheet and pencil; adult/partner for the test. Observe the six-turn test; no invented success claim. Child identifies the repeating core and describes any revision.