

Sun or Shade

Teacher-led temperature observations with matching paper cards.

K.8.c "objects in shadows and objects in sunlight have different temperatures."

NAME _____

DATE _____

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

1 TOUCH AND TELL _____

a	SUN	SHADE	SAME
b	WARM	COOL	SAME

2 THINK IT OVER _____

a	SAME	DIFFERENT	WARM	
b	COOL	SAME	SUN	SHADE

HOW TO RUN THIS PAGE

Before the lesson, place two matching paper cards in direct sunlight and in shade for 10 to 15 minutes. Check both cards for safe touching, then have students compare them with the backs of their fingers and record what they notice.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • TOUCH AND TELL

SAY “I put two matching paper cards in two places. One card was in sunlight, and one card was in shade. I checked that they are safe to touch. Touch each card gently with the back of one finger, then listen and circle your answer.”

ROW	SAY	STUDENTS CIRCLE
a	Which place was the warmer card in? I will read the words: SUN, SHADE, SAME. Circle your answer.	SUN
b	How did the shaded card feel compared with the sunny card? I will read the words: WARM, COOL, SAME. Circle your answer.	COOL

PART 2 • THINK IT OVER

SAY “Think about both paper cards you touched. Listen to each question and circle one word.”

ROW	SAY	STUDENTS CIRCLE
a	Did the cards have the same temperature or different temperatures? I will read the words: SAME, DIFFERENT, WARM. Circle your answer.	DIFFERENT
b	Which place made a paper card warmer in our test? I will read the words: COOL, SAME, SUN, SHADE. Circle your answer.	SUN

WHAT TO ACCEPT

Answers are SUN, COOL, DIFFERENT, SUN. Accept a student's mark when it clearly circles the intended word; use cards that show a noticeable, safe temperature difference before students complete the sheet.