

Light Through

Students compare how much window light passes through different materials and amounts.

1.3.c “the type and amount of material determine how much light can pass through an object.”

NAME _____

DATE _____

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

1 CIRCLE IT _____

a	WINDOW	PAPER	SAME
b	3	1	SAME
c	MORE	SAME	LESS

2 LIGHT ORDER _____

WINDOW	•	•	LEAST
ONE	•	•	MOST
THREE	•	•	MIDDLE

HOW TO RUN THIS PAGE

Use a bright classroom window, one sheet of plain paper, three sheets of the same paper, and a closed book. Hold each material over the same part of the window as students watch. Students show that material type and the number of paper sheets change the amount of light that passes through.

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 “Watch as I hold the window materials in place. Listen to each question and the choices I read, then circle the choice that answers the question.”

ROW	SAY	STUDENTS CIRCLE
a	Look at the uncovered window and then at one sheet of paper over the window. Which lets more light pass through? I will read the choices. Circle the choice that answers the question.	WINDOW
b	Look at one paper sheet over the window and then at three paper sheets over the window. Which setup lets more light pass through? I will read the choices. Circle the choice that answers the question.	1
c	Look at the uncovered window and then at the closed book over the window. Does the book let more, the same, or less light pass through? Circle the word that answers the question.	LESS

PART 2 • LIGHT ORDER

SAY “Look again at the uncovered window, one paper sheet over the window, and three paper sheets over the window. The words ONE and THREE tell how many paper sheets are over the window. Draw a line from each setup word to MOST, MIDDLE, or LEAST to show how much light passes through.”

- **WINDOW** matches **MOST**
- **ONE** matches **MIDDLE**
- **THREE** matches **LEAST**

WHAT TO ACCEPT

Circle rows: WINDOW, 1, LESS. Match WINDOW to MOST, ONE to MIDDLE, and THREE to LEAST.