

Light and Sound Lab

Teacher-led observations of light and sound using classroom items.

S1P1 "Obtain, evaluate, and communicate information to investigate light and sound."

NAME _____

DATE _____

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

1 SEE LIGHT _____

a	bright	dark	loud
b	bright	dark	quiet

2 HEAR SOUND _____

clap	•	•	voice
tap	•	•	hands
hum	•	•	pencil

HOW TO RUN THIS PAGE

Run the light test with the classroom lights on, using a book to cover and uncover a spot on each student's paper. Then make the three sounds in Part 2 and read all printed words aloud as students communicate what they observed 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 • SEE LIGHT

SAY “Keep your paper on your desk. Watch the light on your paper as I use this book, then listen to the words in each row and circle your answer.”

ROW	SAY	STUDENTS CIRCLE
a	I am holding the book over a spot on your paper. Does that spot look bright, dark, or loud? Circle the word that tells what you see.	dark
b	I moved the book away from that spot. Does the spot look bright, dark, or quiet? Circle the word that tells what you see.	bright

PART 2 • HEAR SOUND

SAY “Listen as I clap my hands, tap a pencil on a book, and hum. Read the sound words on the left and the source words on the right with me. Draw a line from each sound word to what made that sound.”

- **clap** matches **hands**
- **tap** matches **pencil**
- **hum** matches **voice**

WHAT TO ACCEPT

Part 1 answers are dark, then bright. Part 2 matches clap to hands, tap to pencil, and hum to voice; accept clear lines even if they cross.