

Model Detectives

Use real classroom objects and simple models to notice what models can and cannot do.

K.2.A "identify basic advantages and limitations of models such as their size, properties, and materials;"

NAME _____

DATE _____

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

1 PENCIL MODEL _____

a	paper	wood	metal
b	write	carry	erase
c	read	hold	write

2 BOOK MODEL _____

a	small	big	heavy
b	story	cover	paper

HOW TO RUN THIS PAGE

Show each real object beside its simple model as you read the prompts. Students listen for a model's size, material, and what it can or cannot do, then circle one large word in each row.

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

PART 1 • PENCIL MODEL

SAY "Hold up a real pencil and a small paper tube you made from one sheet of paper. Tell students, "This paper tube stands for the pencil." Read each row and have students circle one word."

ROW	SAY	STUDENTS CIRCLE
a	Which word tells what the tube is made of: paper, wood, or metal? Circle the word.	paper
b	Which word tells one way a small model can be useful: write, carry, or erase? Circle the word.	carry
c	Which word tells what the real pencil can do that the paper tube cannot: read, hold, or write? Circle the word.	write

PART 2 • BOOK MODEL

SAY "Hold up a storybook and a small blank paper rectangle folded from one sheet of paper. Tell students, "This blank paper rectangle stands for the storybook." Read each row and have students circle one word."

ROW	SAY	STUDENTS CIRCLE
a	Which word tells why this paper model may be easy to take with you: small, big, or heavy? Circle the word.	small
b	Which word tells something the real storybook can give you, but this blank paper model cannot: story, cover, or paper? Circle the word.	story

WHAT TO ACCEPT

Pencil Model answers are paper, carry, and write. Book Model answers are small and story; accept a clearly circled response even if the circle is large or uneven.