Matter Changes

Students compare materials and identify changes between water and ice.

P.K.5A "Students will demonstrate an understanding of the solid and liquid states of matter. Generate questions and investigate the differences between liquids and solids and develop awareness that a liquid can become a solid and vice versa..."

NAME _____ DATE _____

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

1 CIRCLE IT

a	paper	metal	wood
b	wood	metal	paper
c	steam	water	ice
d	water	steam	ice

2 MARK MATTER

ice	
water	

ANSWER KEY

Matter Changes

KINDERGARTEN · P.K.5A

HOW TO RUN THIS PAGE

Give each student a book and a metal paper clip for the first two rows. Students observe the materials, identify what each is made of, and use the water and ice questions to show their understanding of solids and liquids. Listen for each student's question about the materials, and record the question and any support given on your roster.

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 "Touch a page in your book and the paper clip. Gently bend each one. What question could you ask about how they are different? Tell me your question, then circle one answer in each row."

ROW	SAY	STUDENTS CIRCLE
a	What is the book page made of?	**paper**
b	What is the paper clip made of?	**metal**
c	When water freezes, what does it become?	**ice**
d	When ice melts, what does it become?	**water**

PART 2 · MARK MATTER

SAY "The first word is ice. The second word is water. Write S in a box if it names a solid, or L if it names a liquid. What is one difference between ice and water? Tell me."

- Box 1 (beside ice): **S**
- Box 2 (beside water): **L**

WHAT TO ACCEPT

Circle paper, metal, ice, and water, in that order. Accept S for ice and L for water. For the oral response, accept an observable difference, such as water pours but ice keeps its shape.