

Pieces With Purpose

See how small materials can become useful new objects.

2.6.C “demonstrate that small units such as building blocks can be combined or reassembled to form new objects for different purposes and explain the materials chosen based on their physical properties.”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline words that tell a material property. Circle each object Mina makes, then number the objects 1, 2, and 3 to show how pieces are combined or reassembled for different purposes.

Mina's Maker Table

- ① At the classroom maker table, Mina had small wooden blocks, cardboard tubes, and fabric strips. She wanted to make useful objects from the same kinds of small pieces. Before building, she touched and bent each material to learn how it could work.
- ② Mina stacked and joined wooden blocks to make a short book stand. Wood was hard and stiff, so the stand could hold books up. She placed a cardboard tube across two blocks to make a ramp for a toy car.
- ③ Next, Mina took apart the ramp and used the tube with fabric strips to make a bird feeder. The round, hollow tube held seeds, while the fabric strips were soft and flexible for tying. Reusing the pieces gave them a new purpose.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What did Mina combine to make the book stand? Why was this material a good choice?

2 Which object did Mina take apart? What new object did she make with some of its pieces?

3 Why was the cardboard tube useful for the bird feeder?

3 YOUR TURN _____ Your own words

In Panel 1, draw an object you can build from small blocks. In Panel 2, show the same blocks taken apart and reassembled into a different useful object. Under your drawings, write two sentences that name the material and explain which physical properties make it useful.



PART 1 • READ AND MARK

Underline words that tell a material property. Circle each object Mina makes, then number the objects 1, 2, and 3 to show how pieces are combined or reassembled for different purposes. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What did Mina combine to make the book stand? Why was this material a good choice?	She combined wooden blocks. The wood was hard and stiff, so it could hold books up.
2	Which object did Mina take apart? What new object did she make with some of its pieces?	She took apart the toy-car ramp. She used the tube with fabric strips to make a bird feeder.
3	Why was the cardboard tube useful for the bird feeder?	The tube was round and hollow, so it could hold seeds.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Panel 1 shows six hard plastic blocks made into a crayon holder. Panel 2 shows the same blocks reassembled into a bridge, and I chose hard, stiff plastic because it holds its shape.

Accept answers that identify the stated materials, objects, and physical properties from the passage. For Your Turn, accept any realistic pair of different objects made by reassembling the same small pieces, with a sensible property-based explanation.