

Copy This

Test out your memory in this LEGO challenge!

ENGAGE

Discuss with students how well they can remember things. Ask students questions like:

- How well can you copy things?
- Can you look at something and memorize it quickly and remember it when you can't see it anymore?

Tell students that they are going to have a fun test of their memory skills.

EXPLORE

Provide each student with a set of bricks- the bricks provided to students **must** match the bricks you use in your model. Show students the model for 10 seconds. Then, take it away. Ask students to use their bricks to try to create an exact replica (copy) of the model.

Allow students to build their copy. Then, instruct the students to place their hands in the air and no more touching their model. Allow students to compare their model with the original model.

EXPLAIN

Allows students to share their models. Discuss the challenge students. Ask students:

- Is it exactly the same? If not, what is different?
- Why do you think you couldn't remember it exactly?
- What would make this challenge easier?

ELABORATE

Play another round with a different model to copy. This time, students will work with partner to talk about the model while looking at it and then again while each person tries to make an exact copy. Ask students to place their hands away from the bricks. Show the image and count to 10. Remove the image. Allow students to discuss what they saw with their partner while they try to replicate the model. After the students have built their models, ask:

- Was it easier with a person to talk with?
- Did you use a strategy to help remember?
- What types of strategies could you use?
- Is communication and collaboration helpful? How?

EXTEND

Research and create a list of memorization techniques.

