

CONNECTIONS TO SCIENCE GUIDES

GEORGIA YOUTH SCIENCE & TECHNOLOGY CENTERS, INC.



REX WRECKS IT!

BY: BEN CLANTON

CAN'T FIND THE BOOK?
READ-ALOUDS ARE AVAILABLE
ON YOUTUBE.

HAVE YOU EVER NOTICED...

- that buildings are made of lots of smaller pieces put together?

HAVE YOU EVER WONDERED...

- how you can use small pieces to create and recreate new and different structures?

EXPLORE

HOW MANY STRUCTURES

Materials:

- Building blocks or alternative building materials (i.e., Dominoes, recyclables)

Directions:

- Begin by observing the building materials. Think about how they connect.
- Create a structure out of the building materials.
- Disassemble your structure and build another structure.
- Repeat as many times as you would like.
- As you are exploring, think about:
 - How can the structures made from smaller pieces be disassembled and rearranged to make new and different structures?

Connection to Art:

- Once you build a structure, draw or take a picture of it. Keep track - how many different structures can you build using the same building materials?



EXPLAIN

PROPERTIES OF MATTER

Matter is anything that has mass and takes up space. Your chair, the water you drink, and the air you breathe are all made up of matter. Changes can occur in matter that are reversible (freezing water) or irreversible (baking a cake). When building with smaller pieces like blocks, you can disassemble and rearrange them as many times as you want.



EXTEND

BUILD A FORT



Use your building skills to construct a fort using blankets or boxes. When it's time to clean it up, think about another way that you could use the same materials to build it next time.

STEM CAREER

ARCHITECT

An architect is an engineer who blends art and science into designing structures. At work, architects have to take into consideration not only a structure's appearance, but also its safety, function, environmental impact, and cost. If you are interested in creating structures, being an architect might be for you!



BACKGROUND

The Georgia Youth Science and Technology Centers, Inc. provides quality programs for teachers of STEM subjects that improve the teaching and learning process at the kindergarten through eighth grade levels. We present programs that change students' perceptions and inspire an appreciation for science, technology, engineering, and mathematics subjects.

ABOUT US

GYSTC, Inc.

gystc@kennesaw.edu

470-578-7592

www.gystc.org

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