

STEM Explorers™ Geomakers



Ring Toss

Build 3 rings, as shown. Next, build a triangular target by connecting a different-size stick at each corner. Stand 5 steps away. Try to score the most points by tossing the rings over the sticks.

SCORING:

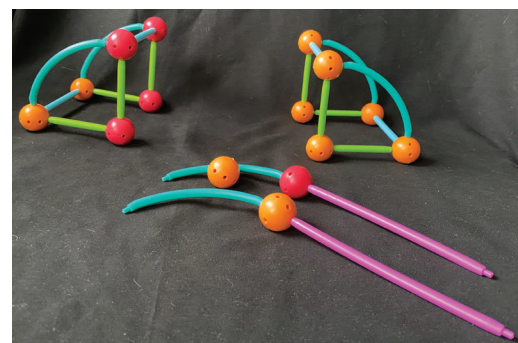
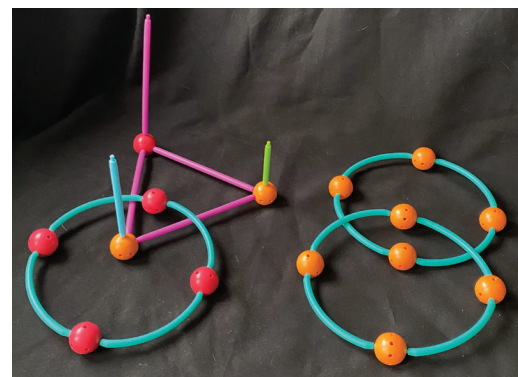
Purple stick = 10 points

Blue stick = 5 points

Green stick = 1 point

Table Hockey

Build two goals and two sticks. Each player gets a stick and a goal. Try to knock the ball into the other player's goal to score points.



At-Home Activities

Geomakers

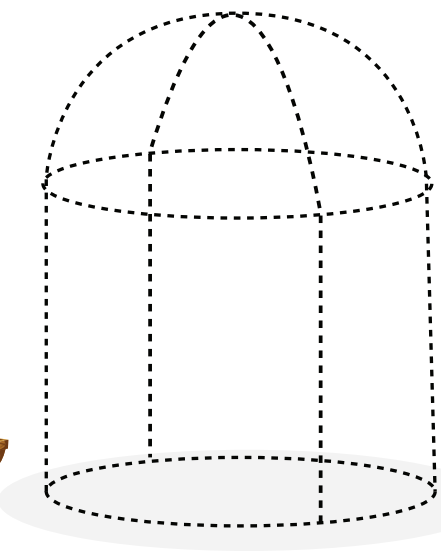
Helmet

Can you build a three-dimensional shape that will protect the girl's head when she rides her bike?



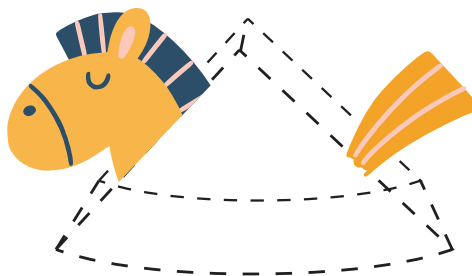
Silo

Can you build a three-dimensional shape that the farmer could store his corn in?



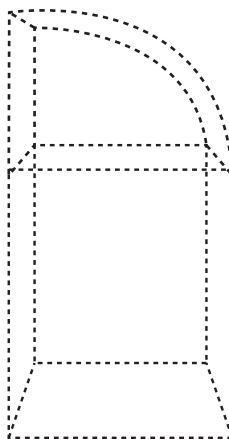
Rocking Horse

Can you build a three-dimensional shape that will make the rocking horse rock?



Mailbox

Can you build a three-dimensional shape where you could mail some letters? How big can you make the mailbox?

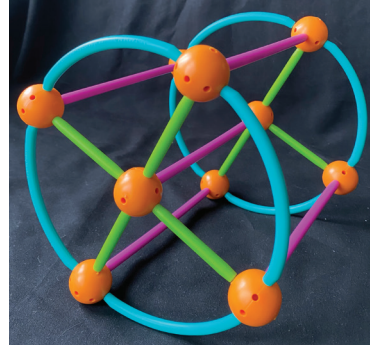


At-Home Activities

Geomakers

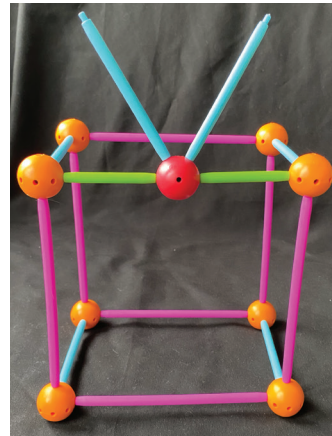
Steamroller

Can you build a three-dimensional shape that will help the steamroller move?



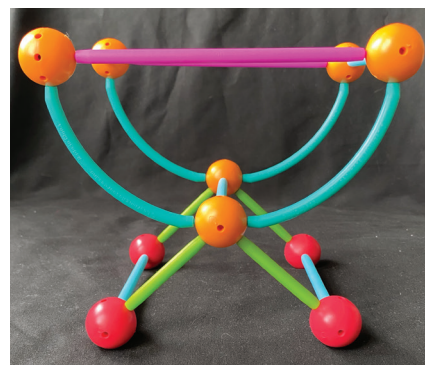
Television

Can you build a three-dimensional TV with antennas? How wide and tall can you make the TV? Can you make anything to put on the screen?



Crib

The baby needs a place to sleep! Can you build a three-dimensional shape that the baby could sleep in?



Sled

Can you build a three-dimensional shape to ride down the snowy hill? Could you make it bigger or smaller?

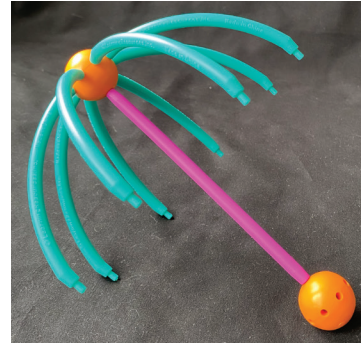


At-Home Activities

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Umbrella

Can you build a three-dimensional shape to protect yourself from rain outside?



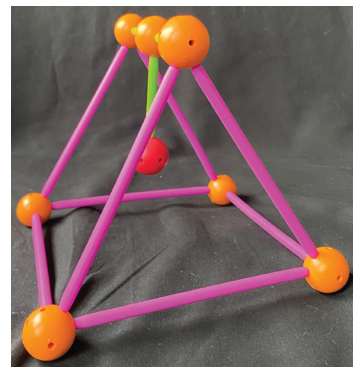
Pinwheel

Can you build a pinwheel using the pieces?
How could you make this stand up on its own? What other shapes does this remind you of?



Swing Set

Can you build a three-dimensional swing set? How many swings can you add?



Clock

Can you build a three-dimensional clock?
What pieces would you use for the big and small hands of the clock? Can you make the clock match what time it is now?

