

Instructions: Work with a partner to complete each step listed below.

Step 1: Open the Foundational Fluencies STEM Lab and make sure all of the larger components are located in the large section of the container as shown.

Larger Components







Step 2: Make sure all of the smaller components are located in the smaller section of the container as shown.



















Smaller Components



Step 3: Remove all of the large blocks from the lab. Then, work through each block-type to place them back in the lab, counting each block as you go. Fill out the table below as you count each block.

		# of components that should be in the lab	# of components counted in the lab	# of components missing from the lab			# of components that should be in the lab	# of components counted in the lab	# of components missing from the lab
Yellow ROK Block		11	<input type="text"/>	<input type="text"/>	Green ROK Block		8	<input type="text"/>	<input type="text"/>
Blue ROK Block		14	<input type="text"/>	<input type="text"/>	Red ROK Block		12	<input type="text"/>	<input type="text"/>

Step 4: Remove all of the smaller components from the lab. Then, work through each component type to place them back in the lab, counting each one as you go. Fill out the table below as you count each component.

		# of components that should be in the lab	# of components counted in the lab	# of components missing from the lab			# of components that should be in the lab	# of components counted in the lab	# of components missing from the lab
Beam		2	<input type="text"/>	<input type="text"/>	Trailer Hitch		2	<input type="text"/>	<input type="text"/>
Half Beam		2	<input type="text"/>	<input type="text"/>	Corbel		4	<input type="text"/>	<input type="text"/>
Riser		4	<input type="text"/>	<input type="text"/>	Axle Block		4	<input type="text"/>	<input type="text"/>
Double Snap Block		2	<input type="text"/>	<input type="text"/>	Hinge Block		4	<input type="text"/>	<input type="text"/>
Single Snap Block		4	<input type="text"/>	<input type="text"/>	Snap-On Wheel		8	<input type="text"/>	<input type="text"/>
Block		4	<input type="text"/>	<input type="text"/>	Box		1	<input type="text"/>	<input type="text"/>
Girder		2	<input type="text"/>	<input type="text"/>	Box Rack		1	<input type="text"/>	<input type="text"/>
Three Way Brace		2	<input type="text"/>	<input type="text"/>	Tool		2	<input type="text"/>	<input type="text"/>
Two Way Brace		2	<input type="text"/>	<input type="text"/>	Booklets		2	<input type="text"/>	<input type="text"/>

Step 5: Place the lid back on the lab. Then, turn it in to the instructor along with this activity sheet.