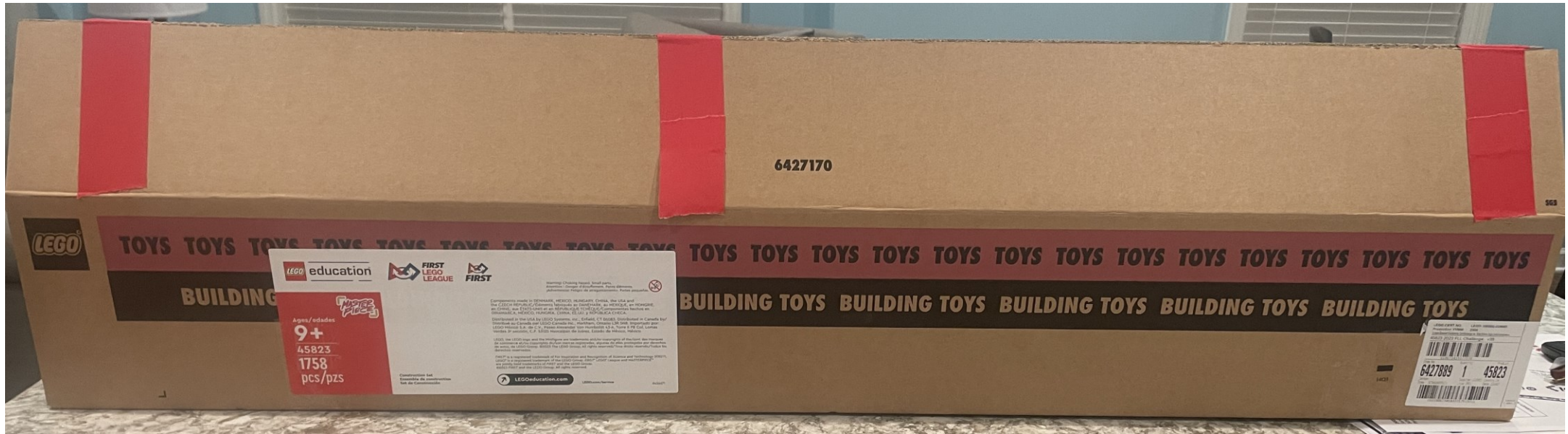


Saving Masterpiece FLL Challenge Kits Parts in Challenge Box



Preparing To Save Parts to the Box

- This will allow you to save the Challenge Kit parts in the box you received it in.
- Please refer to the presentation on Preparing the Challenge Box.
- Suggestions/Corrections: flarkin@midatlanticrobotics.org
- All the Small parts will need to be put into bags so they travel well together. Please put parts back in the bags as described by their function.
- If you are getting a kit to be used at a competition please put everything back as another event will be using them.

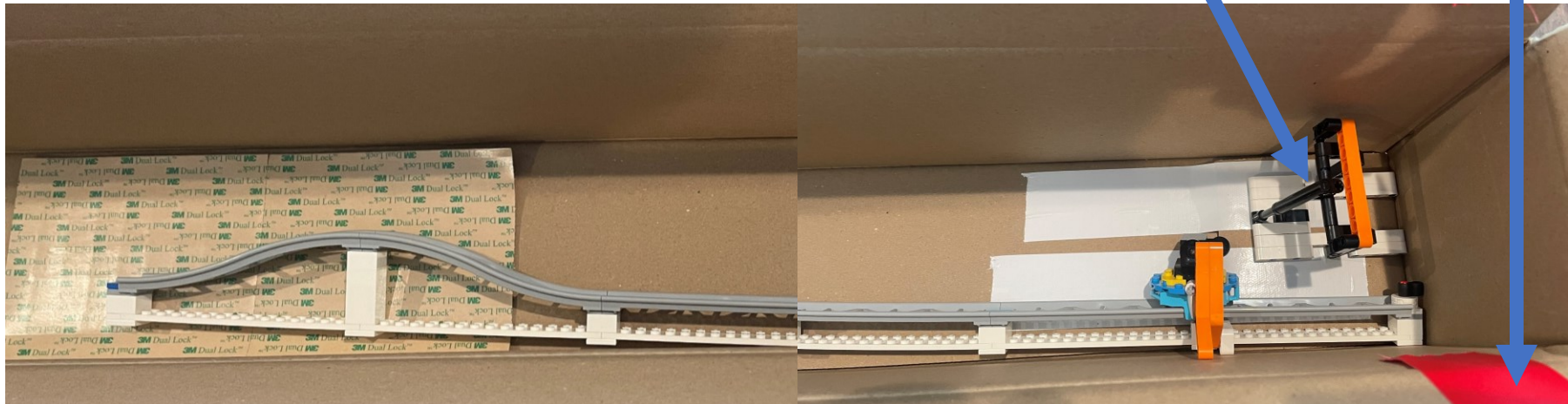
Saving Small Parts in Plastic Bags

- We will need to provide a place to save small parts.
- This season we will need 3 bags.
 - Part 4 Parts – These are from the 4th part built from the bag supplied in the kit. It is the pedestal and extra parts for the team-specific part.
 - Small Parts – This is for all the small game pieces that will travel with the kit.
 - Spare Parts – While building there are a few leftover parts.
- Try to squeeze as much air out of them before packing.



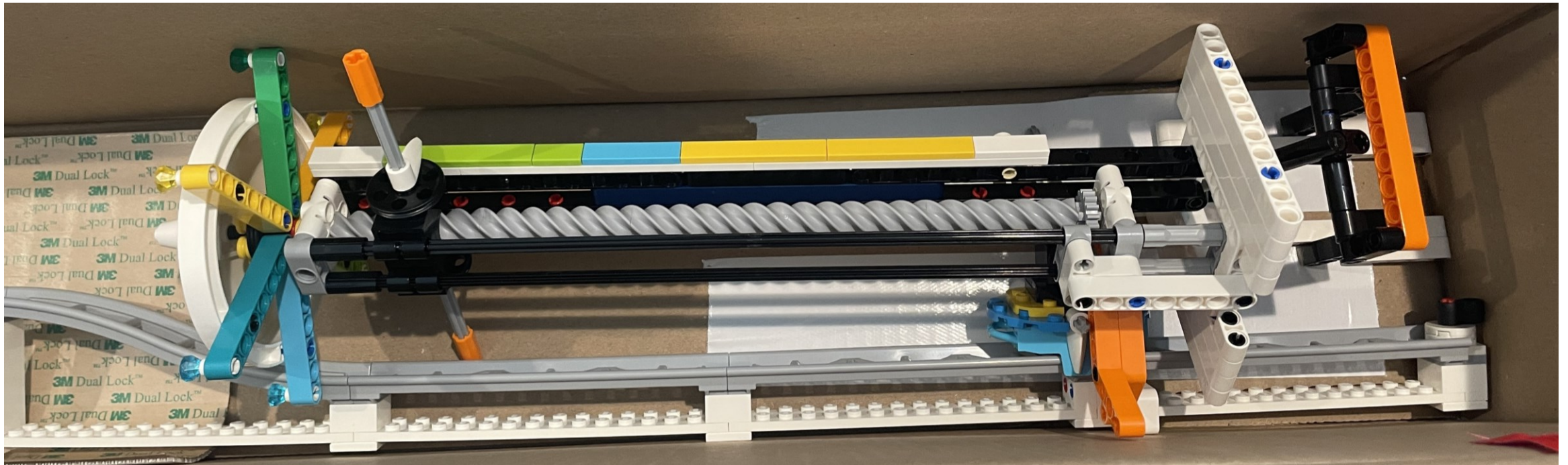
Loading the Box (start on the right)

- Open the box up making sure the fasteners are stored in their open landing zone so they will not get messed up.
- We will be looking down on the box with fasteners toward us.
- Put any Durlock pads on the bottom of the box.
- Place the camera track on its side as shown on the right side of the box. Place the Camera launcher as shown.



Loading the Box (right side)

- Place the Light Show Model as shown with the rolling camera parts.



Loading the Box

- Place the 3D Cinema as shown next to the light show.



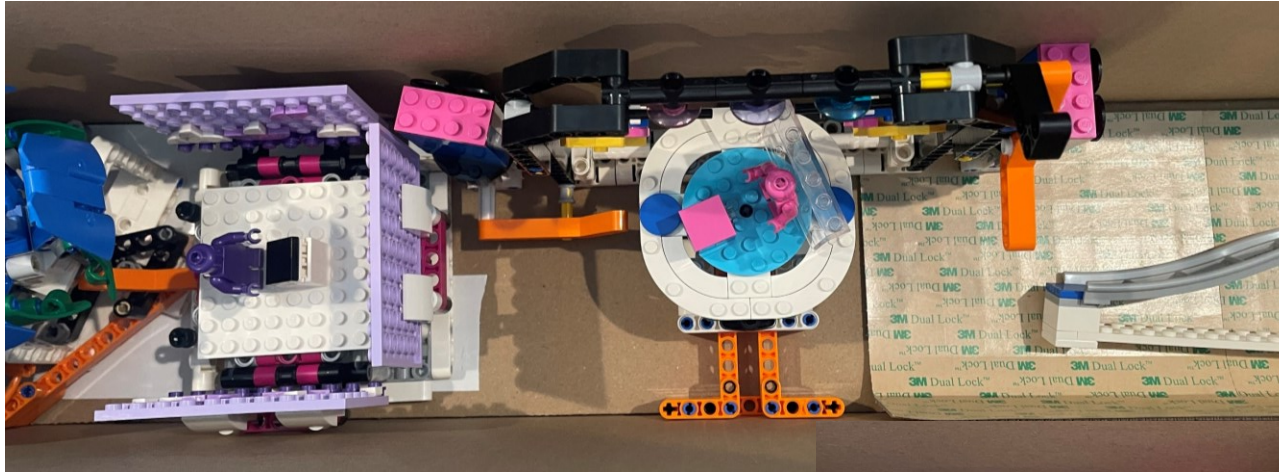
Loading the Box (On the Left)

- Place the sailboat and attachments on the left side of the box. Make sure the sail is below the top of the box.
- Place the Augmented Reality Statue (closed) as shown.
- Place the Immersive Experience model next. Pull up on sides so it fits
- Place the Craft Creator pointed down between the boat and statue.



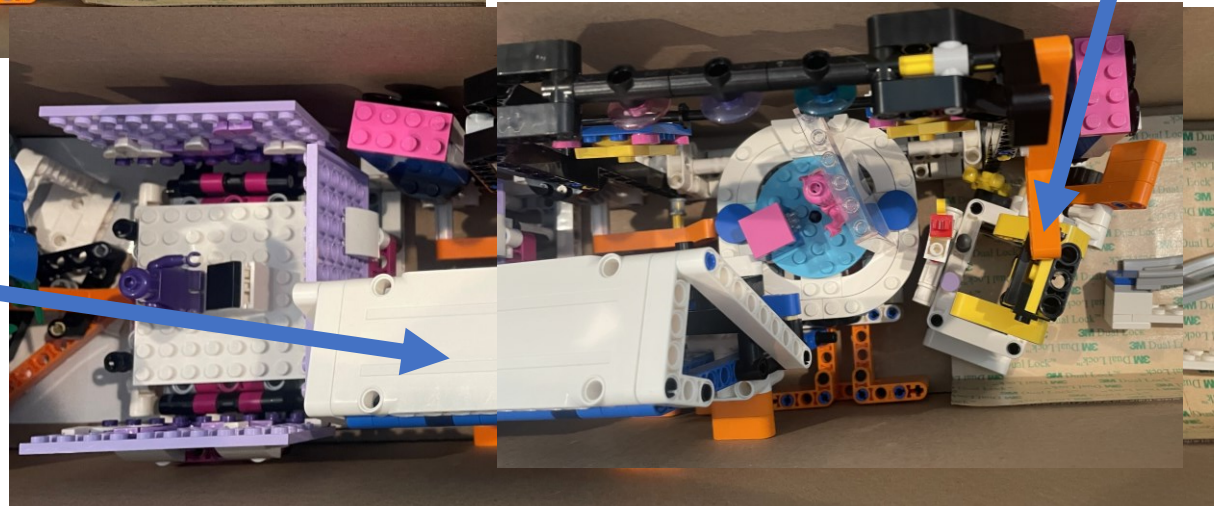
Loading the Box

- Place the Stage Next on the left. It should just fit.



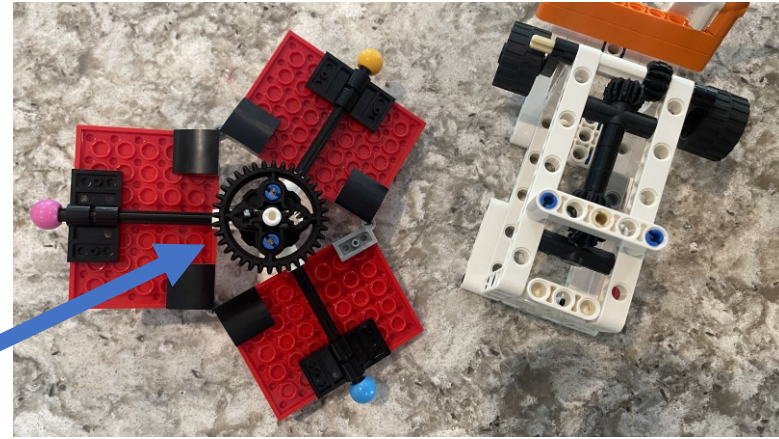
Place the Virtual Reality Artist on the right side of the Stage

- Place the Sound Mixer pointed down over the stage as shown.



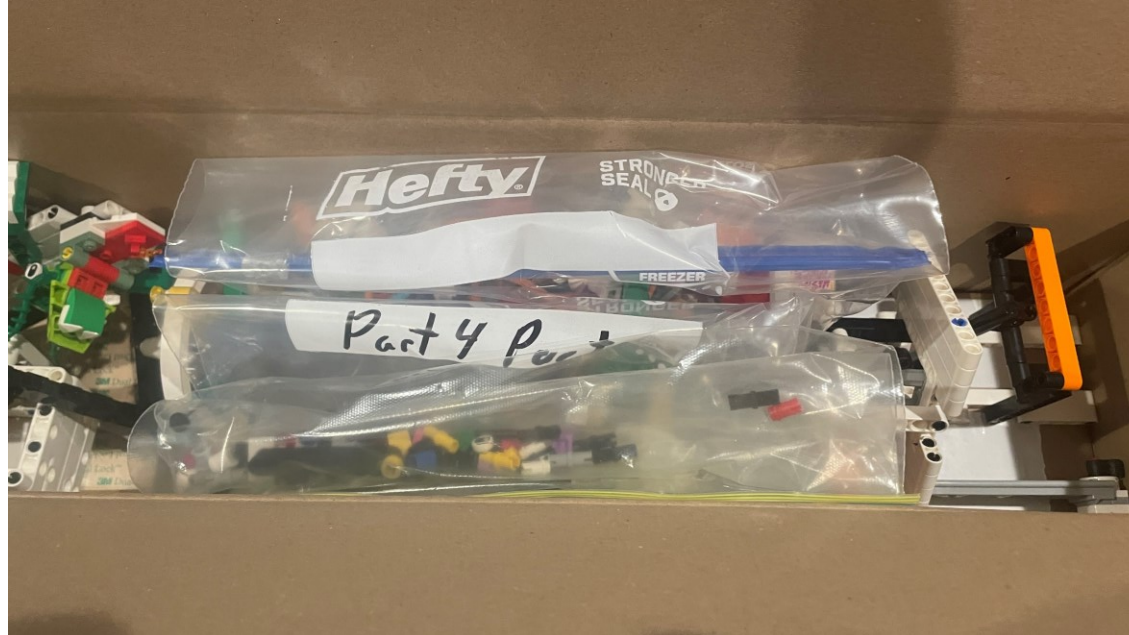
Loading the Box

- Remove the “human” pieces from the top of the Changing Scenes. Save in pieces bag.
- Separate to the top from the Changing Scenes. Pulls right off, easy peasy.
- Store as shown
 - The Top (won't fit across), keeps breaking
 - The Base




Loading Bags into the Box

- Try to get as much air out of Zip Lock bags as possible. This will save space.
- These are then placed on the right side over the camera tracks and the light tower.



Closing the box

- Open the box top wide.
- Pull the 3 fasteners from their stored “open” positions and fold them outside the box. Make nothing touches them.
- Put materials in the box. (seasonally different)
 - Put any small items in a 1 Gallon Ziplock bag. This prevents them from falling out. Remember to put any bag(s) in box!!! 😊
 - Items should not protrude above the top level of the box.
- Fold the box end flaps in. 
- Roll up the mat and place it on the top of the opened box, covering the box (folded) end flaps.
- Try to center the mat to the length of the box.



Closing the box

- Close box tops forming a tent over the rolled-up mat. The flaps should meet. If not wrap the mat tighter. Best if flaps meet.
- Carefully flip the fasteners over the top pulling tightly. Now affix them to the closed landing zone (tape) on the other box flap side.
- When all done, wiggle the mat a little and it will expand filling the gap and preventing parts from falling out.



Done

- Now reach over your right shoulder with your left hand.
- Tap yourself on the back, ever so gently, for a job well done. 😊
- In all seriousness...
 - Others down the line may need these kits. These are expensive and may be used at several competitions.
- Many Thanks

