



Astronaut Glove Box

Building a DIY Astronaut Glove Box in your classroom can help children have a better understanding of the glove box and the role it plays in science and research. The Astronaut Glove Box also presents children with the opportunity to become astronauts for a day!

Required Materials:

Cardboard Box, Scissors, Black Acrylic Paint, Paint Brush, Plastic Cup, Black Marker, Box Cutter, Gloves, Duct Tape, Rocks, Sand, Plastic Wrap, Star Stickers, Markers or Kwik Stix, and an Astronaut Costume (optional)

1. Prep the Box

Using scissors, cut off the box flaps, and then paint the outside of the box with black acrylic paint.

2. Cut Out Holes

Trace the opening of a plastic cup with a black marker to create two circles on one side of the box. Use a box cutter (adult use only) to cut out the circles and make the holes. The holes should be large enough for children to easily fit their hand through.

3. Insert the Gloves

Push a glove through each hole. Make sure they're placed where children can easily slide their hands in and out the gloves, and then use duct tape to tape the ends of the gloves to the box and form a complete seal.

4. Fill the Box

Fill the box with a variety of objects and materials children can touch and explore with the gloves. We included sand, rocks, and other fun sensory materials in our Astronaut Glove Box.

5. Cover the Box

After the box is filled with different objects for children to examine, cover the top of the box with plastic wrap to help children see what they're doing when they put their hands into the gloves.

6. Decorate the Box

Draw stars or have children put star stickers on the box. Children can also use white markers or Kwik Stix to create their space-themed design.

7. Get Hands on with Science and Space!

Encourage children to pretend they're astronauts in space as they explore the contents of the glove box.

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