



Make a Wish, Albert!

Printable Activity Page 1
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WHAT'S IN THE BAG?

For this activity you will need:

- A collection of three-dimensional shapes such as small cans, cubes, balls, dice, small funnels, paper tubes, small square boxes or blocks
- A soft, non-transparent bag to hold the objects (e.g. a cloth drawstring bag)
- Picture cards of a cylinder, a cube, a cone, and a sphere



Getting Ready

- ▶ Place all the objects in the bag and mix them up.
- ▶ Display the picture cards where children can see them easily.



Guess What's in the Bag

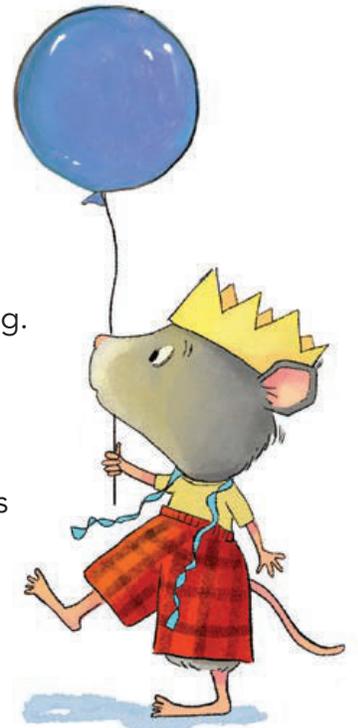
- ▶ Have a volunteer reach into the bag, take hold of one of the items, and guess its shape.
- ▶ If the child guesses correctly, have him or her remove the item from the bag and match it to the corresponding picture card. Encourage the child to say the name of the shape.
- ▶ Repeat the activity until everyone has had a turn and all the items have been taken out of the bag and matched to their picture cards.

Time to Clean Up!

Encourage children to help put the objects back in the bag.

- ▶ Ask: "Is anyone holding an object shaped like a sphere?" Have that child place his or her object back into the bag.
- ▶ Ask: "Does anyone have an object shaped like a cube?" The child should place that object in the bag.

Continue "cleaning up" until all the objects are returned and placed in the bag.



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Printable Activity Page 2

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LET'S GO ON A 3D TREASURE HUNT

For this activity you will need:

- Several sets of picture cards labeled cone, cube, cylinder, and sphere
- 3D-shape objects

Getting Ready

- ▶ Place 3D objects around the room in places easily accessible to the children.

Let's Go on a Shape Hunt

- ▶ Give each child a set of 3D-shape picture cards.
- ▶ Ask the children to hunt for different objects that match the shapes on their cards.
- ▶ Encourage each child to show the objects they've found and describe how the shapes of the objects match their cards.

Review the difference between 2D and 3D shapes by asking:

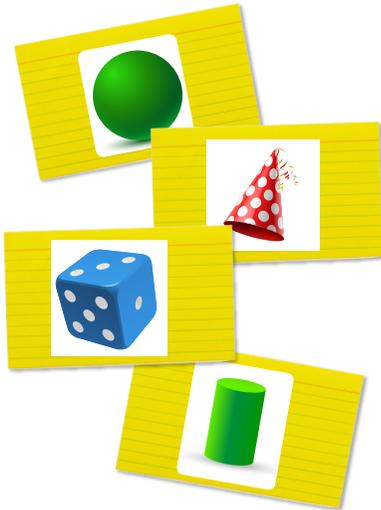
- ▶ What makes a shape two-dimensional? (It has length and width — two dimensions that can be measured.)
- ▶ What makes a shape three dimensional? (It has height, width, and depth — three dimensions that can be measured.)



LET'S PLAY 3D MEMORY MATCH!

For each pair of children you will need:

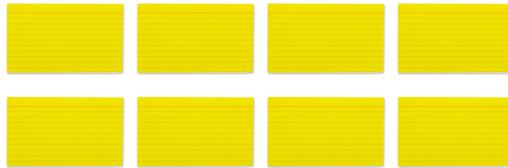
- A copy of the 3D Memory Match Activity Sheet
- 8 index cards
- Scissors
- Glue



Memory Match Game

The children play the game in pairs. The goal is to match pairs of cards that show pictures of similar shapes.

- ▶ Have the players place the eight cards face down in two rows of four cards. Note: mix up the cards after they have been placed face down.



- ▶ The first player turns over two cards. If the cards match, the player gets to keep the cards and go again. If the cards don't match, the player places them face down on the table and the next player takes a turn.
- ▶ When all the cards have been matched, the player with the most cards at the end is the winner!



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Printable Activity Page 4
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For use with LET'S PLAY 3D MEMORY MATCH!

