



# FUN WITH **SCIENCE!**

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## **SCIENCE IS FUN!**

Children learn best by doing and there is a lot of “doing” going on in the Museum.

Did you know that many of our exhibits teach children about **SCIENCE**? As children play they learn about living things and explore the physical properties of the world around them. This is all part of **SCIENCE**!

Ask the children these open-ended questions as you go through the Museum. Have **FUN**! Make up some of your own questions, too!



# BEEHIVE

Look for the tube behind the beehive. It connects the hive to the outside. What do you think the bees use it for?

Have you ever been stung by a bee? Why do you think bees sting people?

Have you ever heard someone say that a person was “as busy as a bee?” What do you think that means? Are the bees in our beehive busy? Can you guess what they might be doing?

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# BUBBLES

Do you see any reflections on the surface of a bubble? Can you see colors? What else?

Try making bubbles with different sized bubble wands. Do bigger wands make bigger bubbles? Why?

Have you ever tried to save a bubble? Why do you think a bubble only lasts for a little while, then pops?



# LIGHT TABLE

What new colors can you make by stacking two or three different colored shapes?

Some of the shapes stick together and some push apart. What do you think makes them do this?

Can you use the shapes to make an animal or a flower?

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# MIRRORS

Look at yourself in the mirrors. Do they all change the way you look? What looks different about you?

Which mirror do you think makes you look the silliest? Why?

Can you make your reflection turn upside down in any of the mirrors? Try it!



# SPIN TABLE

What happens when you put discs on the spin table? Do they stay where you put them? Why or why not?

Can you use the sticks (or a finger) to get the small discs spinning on the table?

Compare what happens when you spin a disc near the center of the table and near the edge. What are the differences?

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# MAGNET TABLE

How can you tell if something is magnetic? Which part of the magnet table is magnetic? Why do you think so?

Take two metal pieces and try to stick them together. Now put one piece on the big magnet and try to stick a second piece to the first piece. If you take the pieces off the table again will they still stick together?

Are there some places on the big magnet that are “stickier” than others? What do you think might cause this?

# GRAVITY WALL

Can you make a ramp that will get the ball from the top of the wall to the bottom? How many ramps can you make?

Could you make a ramp that would make the ball go from the bottom of the board to the top? Why or why not?

Make a ramp that gets the ball from the top of the wall to the bottom using the fewest possible cards. How many did you use? Now make one using the most possible cards. How many did you use this time? Which ramp gets the ball to the bottom faster?



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