

Galaxy Chalk Art



Supplies:

- Black construction paper
- Colored chalk
- Q-Tips
- Pencil
- Paper towels

1. Use a pencil to lightly draw a spiral in the center of the paper.
2. Grab a white, blue, pink, and purple chalk.
3. Use the white chalk to color the center of your spiral.
4. With the blue chalk, follow the spiral by drawing thick lines.
5. Repeat with the pink and purple chalk, drawing lines beside the next one.
6. Make sure you leave room on the edge of the paper for stars!
7. Using your finger or a Q-Tip to blend the colors in the direction of the spiral.
8. Add some orange and white chalk around the spiral, but DO NOT blend.
9. Add white dots on the outside of the spiral for stars.



Straw Rockets



Supplies:

- Normal straw
- Wide straw
- Paper rockets
- Tape
- Markers

1. Decorate your rocket.
2. Cut the wider straw to $\frac{1}{3}$ the length of the normal-width straw.
3. Seal one end of the wider straw with the tape so no air can pass through it. Check by blowing into the straw and testing if you can feel air escape.
4. Tape your rocket to the wider straw with the open end pointed down.
5. Fit the smaller straw into the wider straw and blow your rocket in different directions. See how it travels differently.

Skittles Experiment



Supplies:

- Plate
- Skittles
- Water

Create a color swirling galaxy with these simple steps!

1. Arrange the skittles around the outside edge of the plate. The larger the circle, the better.
2. Pour water into the center of the plate.
3. Watch as the colors travel around the plate and mix with other colors.



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Galaxy Milk Magic



Supplies:

- Shallow dish (pie plate)
- Small dish
- Q-Tip
- Milk
- Dish soap
- Food coloring (yellow, blue, purple)

1. Fill the large dish with milk 1 inch deep.
2. In the smaller dish, add some dish soap and set to the side.
3. In the dish of milk, add drops of food coloring. Add the color in a circle like pattern around the center. Use a variety of colors (blue, purple, yellow).
4. Dip the Q-Tip into the dish soap.
5. Place the Q-Tip into the milk and hold for a second. Repeat in different spots of food coloring.
6. Watch the colors swirl into a galaxy!



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Baking Soda Rocket



Supplies:

- Empty 2L bottle
- Paper
- Decorations
- 1 1/2 cups of vinegar
- 1 1/2 tablespoons of baking soda
- Cork stopper
- 3 wood pencils

1. Decorate the rocket.
2. Tape 3 pencils around the opening of the bottle with the eraser end pointing up.
3. Add 1 1/2 cups of vinegar in bottle.
4. Make a funnel out of the piece of paper at the opening of the bottle.
5. Dump 1 1/2 tablespoons of baking soda into the funnel.
6. Tightly insert the cork into the mouth of the bottle.
7. Quickly flip over the bottle and place the rocket on the launchpad.
8. Back away and watch as the rocket takes off!



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