

Rocket Flyers



Crayola Supplies

Paint Brushes

Markers

Washable Kid's Paint

Crayola® Modeling Clay

No-Run School Glue

Blunt-Tip Scissors

Household Supplies

recycled newspaper

recycled cardboard roll from Hallmark gift wrap

paper towels

masking tape

yarn (optional)

container(s) of water

string (optional)

plastic drinking straws

Why

Launch your kids into science that is out of this world as they make their own rockets. The countdown to fun and learning begins while they construct their rocket flyers and continues as they fly them high.

Steps

1. Ask an adult to help you cut the cardboard tubes. You will need one tube that is about as long as your forearm and two others half that size.
2. Spread newspaper on a flat work surface and use Crayola® Washable Kid's Paint and Crayola Paint Brushes to paint the larger cardboard tube a light color like white or yellow. Stand the tube on end to dry.
3. Securely cover one end of each of the two smaller tubes with masking tape. Place a marble-sized lump of Crayola Modeling Clay in each tube and securely cover the other end of each tube with more masking tape (the weight will make your rocket fly faster). Paint the smaller tubes with a different color such as red, then stand them on end to dry.
4. When the tubes are dry, Use Crayola School Glue to hold the two smaller tubes side by side, which makes the rocket engines.
5. After the glue has dried, place the connected tubes flat on your work surface. Then glue the larger tube to one end of the connected tubes. Glue the straw to the other end of the larger tube.
6. After everything has dried, finish decorating your rocket with Crayola Washable Markers. Draw portholes or astronauts. Print the name of your rocket on each side. Add a flag for your country or make up your own flag.
7. Have an adult help you poke a hole at the top of your rocket. Tie one end of your string or yarn through the hole of your rocket.
8. To fly your rocket (outdoors only, please), run string or yarn through the straw. Have a friend hold one end of the string or yarn and you hold the other. Experiment with pulling and pushing your rocket flyer across the string to the opposite end to make it fly!

When & Where

"The boys loved this at scouts."

- Dan R., troop leader.

"Who said rocket science was hard!"

- Lakeisha T., mom of kids ages 10 and 11.

Interesting Info

Travel to the moon began in 1926 when physicist Robert Goddard built and launched the first liquid-fuel rocket. Although his rocket only climbed 40 feet (12 m) in the air, it convinced Goddard that humans would someday make it to the moon. We finally reached it in 1968.

Safety Guidelines

Crayola Modeling Materials including Crayola Model Magic®, Model Magic Fusion™, Crayola Air-Dry Clay, and Crayola Dough With Small Parts—⚠️ WARNING: CHOKING HAZARD—

Keep away from open flames. Do not use to make candleholders, hot plates, trivets, or other similar objects that will be used or placed near fire and other heat sources.

Do not put in an oven, microwave, or kiln.

Do not make into vessels/containers that will hold unpackaged food.

If the arts & crafts project involves making small objects, follow the small parts/choking hazards standards: ⚠️**WARNING: CHOKING HAZARD—**Small parts. Not for children under 3 years."

The use of modeling material to make items that look like food is discouraged for children younger than age 5 to avoid their confusion with real food.

Unless sealed with a water-resistant glaze, do not make projects exposed to or immersed in water, such as boats or outdoor bird feeders. They would disintegrate when exposed to moisture.

Crayola Dough—contains gluten (wheat flour) as an ingredient. Crayola Air-Dry Clay, Crayola Model Magic, and Model Magic Fusion are gluten-free. However, they are produced on the same machinery as Crayola Dough which does contain gluten. Although the machines are cleaned prior to the start of each production run, there is a slight possibility that trace amounts of gluten from Crayola Dough may be present in the other modeling compound products. For information regarding specific ingredients or allergic concerns, please call our Consumer Affairs department at 1-800-272-9652 weekdays between 9 AM and 4 PM Eastern Standard Time.

Small Parts—⚠️ WARNING: CHOKING HAZARD—Small parts. Not for children under 3 years.

Crayola Washable Paints—Not for use as body/face paint.

Outdoor Crafts—Choose safe outdoor areas, away from traffic and dangerous equipment. Close adult supervision is required.

Recycled Cardboard Tubes—Use paper towel tubes, gift-wrap tubes, or long cardboard tubes that can be cut to any length. Health professionals caution against using recycled toilet paper tubes for arts & crafts projects because of the potential fecal contamination.

Scissors—ATTENTION: The cutting edges of scissors are sharp and care should be taken whenever cutting or handling. Blunt-tip scissors should be used only by children 4 years and older. Pointed-tip scissors should be used only by children 6 years and older.

String-Like Materials—Includes string, raffia, lacing, yarn, ribbon, and other similar material. Children 3 years and younger should not be given any string-like material that is longer than 12 inches. Close adult supervision is essential whenever children use string-like material. When crafts are to be worn around the necks of children 8 years and younger, attach the ends of the “string-like material” with clear adhesive tape, which allows easy release of the bond if the craft becomes entangled or caught on equipment. For children older than 8 years, the ends of the “string-like material” may be tied and knotted.