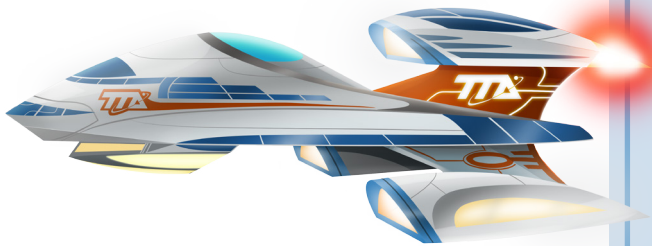




SCIENCE MISSION: BUILD A ROBO-PET



MATERIALS

- Cardboard tubes
- Tag board
- Glue
- Hole punch
- Markers
- Pipe cleaners
- Scissors

Note: Cutting is intended for grown-ups only.



Preparation

1. Cut cardboard tubes into 2-inch, 3-inch, and 4-inch sections.

Build a Robo-Pet

1. Give your child a set of the tubes.
2. Have your child decide what type of Robo-Pet they will make. Encourage them to think about their options by asking a series of questions:
What type of animal do you like? (e.g., bird, cat, fish, monkey, turtle)
How might a Robo-Pet be useful? (e.g., help brush your teeth, play games with you)
What type of features should your Robo-Pet have to help you? (e.g., run fast, see through walls, ability to fly or swim)
3. Draw the animal's face on one of the tube sections, then cut out from the tag board and glue on ears.
4. Draw Robo-Pet designs on the middle and bottom sections (e.g., zigzag design for hair, triangles for features, etc.)
5. Punch holes in the sides of one tube section and thread then shape pipe cleaners for arms, fins, or wings.
6. Punch holes in the sides of another tube section and thread then shape pipe cleaners for legs, feet, or paws.
7. Have your child name their Robo-Pet, and encourage them to discuss the special abilities of each Robo-Pet (e.g., claws to grab things, eyes to see far away).

