Group Activity: Game – How Many Pets? Roll and Graph

Objective:

This activity reinforces pattern and symbol recognition, categorization, and decision-making skills to complete a collaborative classification task.

Materials:

- Pet graphing sheet (provided)
- Pet cube template (provided)
- Glue
- Dot or bingo markers
- Heavy card stock paper

Duration: 10 to 15 minutes

Preparation:

1. Print the pet graphing sheet (1 per student).
2. Print the pet cube template on heavy card stock paper (1 for the entire class).
3. Assemble the cube by following the instructions on the template.
4. Seat students at a table with dot or bingo markers.
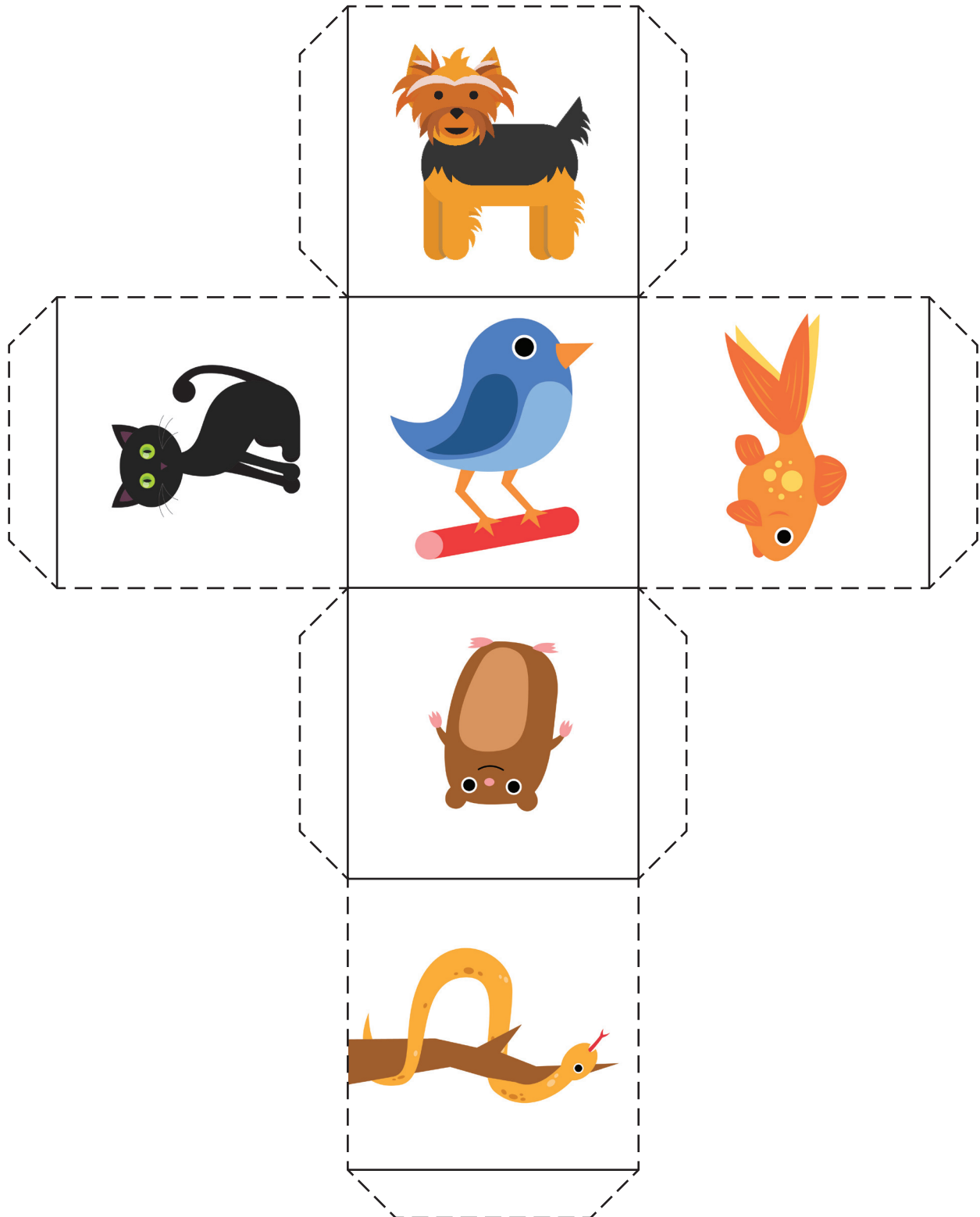
Activity Script:

We recommend using the following verbal cues as you model each step.

1. **"Today we're going to play a game to see how many pets we can graph. For this game, we will take turns rolling this pet cube and then graphing what we roll."**
   [Indicate the pet graphing sheet and pet cube.]

2. **"We're going to use this cube to help us fill out the chart. Let's see what's on each side of the cube."**
   [Look at all the images on the cube and ask students to identify each pet image.]

3. **"First, we need to roll the cube. I'll go first and then we'll all take turns."**
   [Roll the cube. Look at the picture of the pet image that is facing up.]

4. **"What is the pet that we rolled?"**
   [Prompt students to identify the image that's facing up on the cube.]

5. **"Now that we know what the picture is, where do you think we should mark it on the graphing chart?"**
   [Indicate the columns of the chart and name each category. Prompt students to decide where it belongs.]

6. **"Now it's your turn! Let's go around in a circle so we each get a turn to roll the cube."**
   [Repeat the activity until each student has rolled the cube 3-6 times.]

Pet Cube Template

Instructions:

1. Print out on 8.5" x 11" heavy stock paper.
2. Cut out the template along the outer lines.
3. Fold along the inner lines.
4. Assemble into a cube by gluing the sides together along the tabs.

Pet Graphing Sheet

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9						
8						
7						
6						
5						
4						
3						
2						
1						
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