



Title: Alien Astronauts

Grade: K-2

Overview: Blast off! Students put aliens into their corresponding rockets based on their shape or color. In Question and Answer Mode, students must help Millie by answering three questions based on the graph they have created before the rockets can blast off.

My Learning Objectives:

Read graphs and draw conclusions

Collect, organize, and display data using simple graphs

Sort objects into sets by attributes

DISCOVER MODE

1. Sort Aliens into the correct rockets for blast off to the moon!
Click on the Rocket to advance to the Alien Astronaut Activity from the Main Room. Four labeled rockets line up to form a simple graph. Put the aliens into their correct rockets so they can blast off to the moon!
2. Click on an alien and its attribute is spoken– “I’m green!” or “I’m a triangle!” or “I’m fuzzy!” and drop it into a rocket.
 - If correct, the alien sits within the square and the square fills in.
 - If incorrect, for example, if a yellow alien is placed in a "green" rocket the narrator says, “This rocket is for green aliens. Try a different rocket.” The alien floats out of the tube back into position in the room.
3. Put all of the aliens into their correct corresponding rockets, then click on the Blast Off lever. The rockets blast off into space through the opening in the roof. The launch pad opens– four new rockets rise onto the pad with different labeled attributes along with a new assortment of aliens.
4. Click the button with one square dot for Level 1: Colors or Shapes. If shapes, aliens featured begin with all basic shaped aliens, progress to all unique shaped aliens, then both.
5. Click the button with two square dots for Level 2: Colors & Shapes: Aliens featured begin with all basic shaped aliens, progress to all unique shaped aliens, then both. Aliens featured have two attributes. “I’m square and I’m green!” or “I’m fuzzy and yellow!”
6. Click the character in the picture frame for the Question and Answer Mode, or click Millie to return to the Main Room.

QUESTION AND ANSWER MODE

1. Click the character in the picture frame to advance to the Question Mode. Marly the Monkey needs help getting all of her alien friends into their correct rockets.
2. After you sort all of the aliens into their correct rockets, Marly asks for help filling out the

"Blast Off Checklist." She asks you three questions based on the graph; for example, "Are there more red or blue aliens? Are there more fuzzy or long aliens? Do you see more green fuzzy aliens or blue blob aliens?"

3. To answer, click on a section of the graph.
 - If correct, Marley continues to the next question.
 - If incorrect, she asks the question again.
4. When you finish answering the three questions, Marley pulls the Blast Off lever and the rockets blast off.
5. Click the empty picture frame to go back to Discover Mode, or click Millie to return to the Main Room.