

Math Lesson

Lesson Title: Peanut Butter and Jelly Fractions Grade: 1st
Content Standard: 1.G.3 Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of or four of the shares in real-world contexts.
Materials: Curious George - train video, section about sharing PB and J sandwich Season 1 episode 14 Pictures of circle, rectangle, and square pizzas or make your own Scissors Recording sheet
Shared Experience and procedure details: Have the students watch the video. Tell the students that we are going to try to figure out how to share PB&J fairly. Put the students in pairs. Pass out 3 circle shapes to each group. How would you share one PB&J with your friend? Students will fold or cut circle to show halves and then draw what they did on their recording sheet. As students are working ask them how they know that they are sharing fairly. Repeat with square. Give each group 4 squares. As they come up with one way, let them try another. Repeat with rectangle. Give each group 4 rectangles. As they come up with one way, let them try another Have students choose one of their shapes they feel best shows sharing fairly and label the pieces. Students will use this example to complete the rest of the 5 Step Process. Students will then fill out the People Talk section. They can use their recording sheet as their picture.
Possible Picture: The students will use the recording sheet - They might draw the shape split into 2 pieces, some might draw the whole with a line in the middle, might have their name on each piece
Possible People Talk: We watched a video. We shared PB&J. We folded and cut shapes. We cut a circle, square, rectangle in half. We divided it up. We made the parts the same. We broke it into pieces. I cut the square and it made two rectangles or two triangles.
Feature Talk: shapes, share, cut, fold, circle, square, rectangle, equal, half, same, not equal, divide, whole, parts, pieces
Possible Symbolic Representation: make a symbol for the pieces and make a symbol for the whole Students could come up with a feature sentence such as: My piece and my partner's piece are the whole PB&J. Or, my piece is the same size as my partners.
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