

Supporting Activities

Make Equal Groups – Sharing



15



Sharing: An activity for pairs or a group to be used in class or intervention to practise making equal groups by sharing.

Resources: You will need a variety of manipulatives, such as, cubes or counters, a whiteboard and pen for each child, and three envelopes labelled 2, 4, 5 and 10. Envelope 2 contains number cards for multiples of 2, envelope 4 contains multiples of 4, envelope 5 contains multiples of 5, and envelope 10 contains multiples of 10. To limit the number of manipulatives required, the multiples should not go beyond 25.

Activity: Place the envelopes face down on the table. Player 1 chooses an envelope, reads the number on the front and takes a number card from inside it. They replace the envelope face down. The number on the envelope represents the number of circles they draw on their whiteboard. The number card represents the number of manipulatives they will use and share into each circle.

They share their manipulatives between the circles. Player 1 counts how many are in each circle, checking that the groups are equal. Finally, they tell the adult how many manipulatives they started with, how many circles they have and how many manipulatives are in each group. If they are correct, they earn a point. The winner is the first player to reach 5 points.

Example:

Player 1: Selects envelope 5 and takes out a number card representing 15. They draw 5 large circles on their whiteboard and count out 15 cubes. They put 1 cube in each of the five circles and repeat until the cubes have been shared. They count the cubes in the first circle (3) and then check that the remaining circles have the same number of cubes in them. They tell an adult, "I started with 15 cubes, I have 5 circles. I have 3 cubes in each circle."

Player 1 earns a point, and the next player takes their turn. Play continues until a player reaches 5 points.