

# Supporting Activities

## Fact Families



**Family Bonds:** An activity for a group to be used in class or intervention to practise addition and subtraction facts within 20.

**Resources:** You will need a stick of 20 cubes for each child and a set of number cards from 2 to 20.

**Activity:** Each child has a stick of 20 cubes. Place all the number cards face down in the middle of the group. A child picks a card from the middle. This is the number of cubes they will use to create their number sentences. They remove any cubes not needed for their calculation. Next, they break the stick of cubes into two parts and count how many cubes they have in each part. They say an addition number sentence using those parts. If they say it correctly, they score a point. They can earn a bonus point if they say a subtraction number sentence using the same numbers. They return their number card to the middle, face down, and choose another one. The winner is the child with the most points at the end.

### Example:

**Player 1:** Starts with a stick of 20 cubes. They pick a card from the middle, for example, 14. They make a stick of 14 cubes from the 20 they have.



Next, they break the stick of 14 cubes into two parts and count how many cubes they have in each part.



Player 1 says, " $9 + 5 = 14$ " or " $5 + 9 = 14$ ". If they say it correctly, they score a point. They can earn a bonus point if they also say, " $14 - 9 = 5$ " or " $14 - 5 = 9$ ".

**Player 2:** Picks a card from the middle and takes their turn.

Depending on the time available, children can do this activity either by taking turns or simultaneously.