



Activities for Home

Dear Families,

This week we are learning about 'Number 10 Fact Families'. Number bonds to 10 are pairs of numbers which add to 10 like 7 and 3, and Number 10 Fact Families are the set of 4 addition and subtraction equations that relate to the number bond to 10. For example, with the number bond 7 and 3 the related equations are:

$$7 + 3 = 10, \quad 3 + 7 = 10, \quad 10 - 3 = 7 \quad \text{and} \quad 10 - 7 = 3$$

Being able to say your number bonds to 10 doesn't automatically mean that children can use them to solve addition and subtraction facts. We teach the linking of number bonds to addition and subtraction facts as a separate skill. Here are some simple activities that you can do at home to support your child's learning:

Hidden fingers

Show a number to 10 on your fingers. Your child shouts out the number pair that bonds with it to make 10. Turn your hand over so that your child can see your bent fingers. Did they say the right number? Then swap roles - your child shows a number and you say its' bond to 10.

More or less

Split the activity cards (cut up the accompanying sheet) between you and your child. You can use the numeral cards, or the tens frame cards, or both. Then, each turn over one of your cards at the same time. Using knowledge of number bonds to 10, discuss whether the pair of numbers makes more than 10, is equal to 10 or makes less than 10. Your child should use their number bond knowledge to say things like, "7 + 5 must be more than 10 because I know 5 + 5 is 10 and 7 is more than 5", or "6 + 3 must be less than 10 because I know 6 + 4 is 10 and 3 is less than 4." They don't need to tell you the answer: just whether it is more, less or equal to 10.

Bond to 10 pairs

Lay out the digit cards face down. Take turns to turn over two cards at a time. If the pair of cards make 10 you keep the cards and get another go. If not it is the other person's turn. You can also play this with the tens frame cards mixed in with the digit cards. Don't worry about pairing digit cards with digit cards or tens frames to tens frames, just pair up the quantities they show. i.e., the digit 2 card can pair to the tens frame card that shows 8.

Tell me a story

Take 10 small toys, such as 10 mini figures, or 10 toy cars and take something for them to hide in or under such as a box or tea towel. Tell a story such as, "There are 10 cars and 3 drive into the garage. How many are left?" or "There are 10 knights and 6 hide in a cave. How many are left?" When your child gets the idea, give them a chance to tell you the story, making sure you always start with 10.

Talking Tip

Repeat each of the games several times until you are sure your child's understanding is secure. There are many games you can play - don't feel restricted to these ones. If your child wants to play differently with the materials that's fine; just bring the focus to games where you are involving number bonds to 10.