

# Year 1 Unit 9 (Summer term) Support Session 1

## Addition facts to ten

### Objectives

Know by heart addition doubles of all numbers to at least  $5 + 5$ .

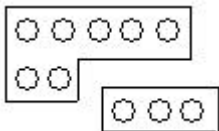
Know by heart all pairs of numbers with a total of 10.

### Vocabulary

double  
how many?  
total  
altogether

### Resources

Large dice  
Resource sheet S9.1  
Whiteboards  
Copies of Resource sheet S9.1 cut up to make jigsaws (at least 1 per child)  
e.g.



(See Models and Images Chart: Addition and subtraction facts)

### Oral and mental starter

Roll a large dice and ask the children to double the number rolled as quickly as they can and to show you the answer with their fingers.

Encourage the children to put the same number of fingers up on each hand to help, e.g. three on each hand to show double 3.

### Main activity

Fold Resource sheet S9.1 in half so that 5 faces are showing.

Q How many faces can you see?

Unfold the Resource sheet so that 10 faces are showing.

Q How many faces can you see altogether now?

Establish that there are 10 faces and write on a whiteboard  $5 + 5 = 10$ , saying 5 faces and another 5 faces makes 10 faces altogether.

Using sticky notes (or your hands) cover two faces.

Q How many faces can you see?

Q So how many faces are hidden?

Establish that  $8 + 2 = 10$  and write this number sentence on the whiteboard.

Repeat this process hiding a different number of faces each time.

Spread the jigsaw pieces randomly on the table.

Explain that you want each child to find two pieces of jigsaw that go together to make a completed picture of 10 faces. Show Resource sheet S9.1 to remind the children of the completed picture.

### Plenary

Look at the completed jigsaws.

Write on the board  $7 + 3 = 10$ .

Q. Whose jigsaw matches this number sentence?

Give each child a whiteboard and ask them to write the number sentence that matches their jigsaw.

## Year 1 Unit 9 (Summer term) Support Session 2

### Addition facts to ten

#### Objectives

Know by heart all pairs of numbers with a total of 10.

#### Vocabulary

how many  
total  
altogether  
add  
cost

#### Resources

Purse  
Box of 1p coins  
Resource Sheet 9.1 from Unit 9  
Cards 1-9  
(two 5 cards)

#### Oral and mental starter

Count 10 1p coins into a purse.

Remove 5 coins from the purse.

**Q** I have 5p in my hand, how much is in my purse?

Encourage the children to show the answer using their fingers.

Repeat for other pairs that total 10.

#### Main activity

Put a box of 1p coins in the middle of the children.

Ask each child to count out 10 coins.

**Q** How much money do you have?

Display Resource sheet 9.1 and explain that you want each child to spend all their money in 'Frankie's Fruit Shop'.

**Q** Which pieces of fruit could you buy that would total 10p?

Collect one response, demonstrate how to check by counting out pennies to match the items chosen.

**Q** Have we used all 10 pennies?

Collect further responses, checking in the same way.

#### Plenary

Place numbered cards 1 - 9 randomly on the board (you will need two 5 cards).

Ask children to join up pairs that total 10 and stick on one side of the board.

Write on the board  $2 + 3 + 8 = \square$

**Q** I want to add these three numbers together. When I am adding 3 numbers I like to check for a pair of numbers that total 10. This makes it easier. Can you see a pair of numbers that total 10 in this calculation?

Ensure they have spotted  $8 + 2 = 10$ , saying  $8 + 2 = 10$ . Say that yesterday the 8 smiley faces and 2 smiley faces made 10 smiley faces when put together. Adding on another 3 makes 13.

If necessary refer children to the pairs of cards on the board.

Repeat for other calculations, e.g.  $1 + 4 + 9$ ;  $3 + 2 + 7$ .

