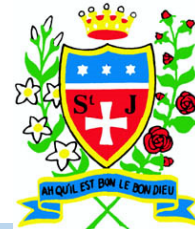


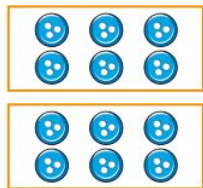
# KIRF- I can recall doubles and halves of numbers to 20

Year 2 - Spring 2



What can this look like?

Concrete:



Pictorial:



Abstract:

Double 6 is equal to  $6 + 6$

Double 6 is equal to  $6 \times 2$

Halve of 12 is equal to  $12 \div 2$

Halve to 12 is 6

Focus on revisiting doubles and halves of numbers to 10 before moving onto 20.

## Questions to ask at home

- What is double 9?
- What is half of 4?
- How can we find half of 8?
- Explain how we can double 5.
- If double 3 is 6 what is half of 6?

## Key vocabulary

**Double**- adding a number twice e.g.  $6 + 6$  or multiplying the number by 2 e.g.  $6 \times 2$ .

**Half**- splitting a number into 2, dividing by 2 e.g. 1- divided by 2 is 5. (Please note that children will not know what division is yet, they will be simply splitting the number into two equal groups.)

## Things to try

- **Doubling butterfly**- Draw an outline of a ladybird, paint spots on one side; fold it over to show double that number. Write the calculation to go with it.
- **Double and half bingo**- Choose 5 numbers between 1-10. Ask questions such as, what is double 6 or what is half of 18. Keep going until all numbers have been crossed off!
- **Double or nothing**- Create a 4 x 5 grid with a numbers 1-20. Working in a pair, roll 2 dice, double the number and cover the number with a counter/object. The first to get 4 in a row wins! If roll double 6 then they get another go.
- **Everyday objects**- pour some objects out and share them between two plates

Websites:

<https://www.topmarks.co.uk/maths-games/hit-the-button> - doubles and halves games

White Rose 1 minute maths- Halves game in division section.

<https://ictgames.com/mobilePage/archeryDoubles/index.html>

