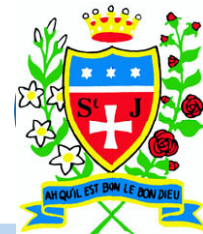


# KIRF- I can recall doubles and halves up to 10

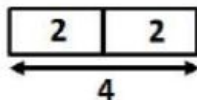
Year 1 - Spring 1



Concrete:



What can this look like?  
Pictorial:



Abstract:

**Double** 2 is 4

**Half** of 4 is 2.

The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey?

## Questions to ask at home

- What is double \_\_?
- What is half of \_\_?
- How do you know that this shows a double?
- If double 2 is 4, what do you think double 3 is?
- What is 12 a double of? What is 5 half of?

## 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.  $10 \div 2$  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:

**Everyday Objects**- Gather some objects together and ask them to double them or half them. Play a game- guess the objects under my material- It is double 5 etc

**Doubling ladybirds**- Draw an outline of a ladybird, add spots to one side, then ask your child to fill in the other side, model saying; double \_\_ is \_\_.

**Seeing double**- Use the reflection of a mirror to show double of a number of objects.

**Halving plates**- Draw a line down the centre of a paper plate, drop a selection of everyday objects to the plate and find half by splitting the objects onto each half of the plate.

**Websites:**

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

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

White Rose- Multiplication equal groups- Great for visualising doubles as two equal groups.

