



Maths in Reception

This week Jack Hartmann is teaching us all about **doubles**.
Watch this clip to get you in the mood for Maths! 😊

<https://www.youtube.com/watch?v=NDqbCfplYrg>



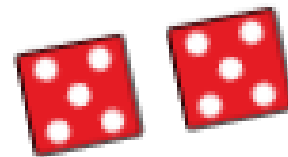
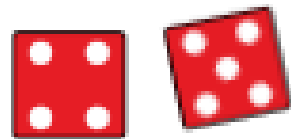
Week 10 – W/C: 29.6

This week we are focusing on **doubling**.

The children will learn that double means 'twice as many'. They should be given opportunities to build doubles using real objects and mathematical equipment. Building numbers using the pair-wise patterns on 10 frames helps the children to see the doubles. Mirrors are also a fun way for children to 'double' the quantities they build.

Encourage children to say the doubles as they build them, e.g. Double 2 is 4

Provide examples of doubles and non-doubles for the children to sort and explain why.



Monday:

Watch this clip from the Number Blocks maths scheme we use in school. (It is quite lengthy so this is the only task for today)

This episode is called 'double trouble'. The number blocks are explaining how doubles are formed.



<https://www.youtube.com/watch?v=Bot83VxMLqM>

Tuesday

These poster prompts should help you to remember your doubles.
Talk about what you can see in the pictures to show double...

Double 1



eyes

$$1 + 1 = 2$$

Double 2



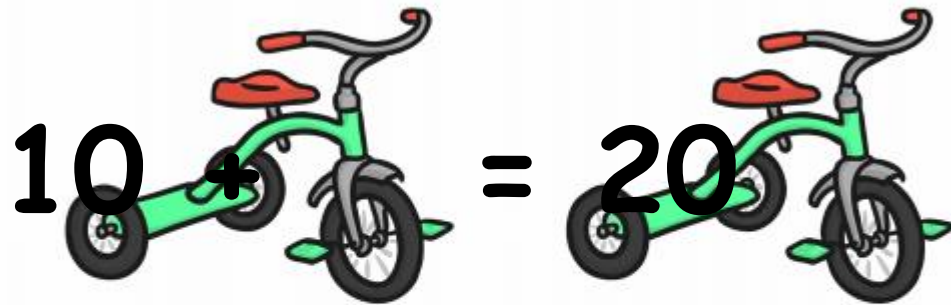
trainers

$$2 + 2 = 4$$

Tuesday

These poster prompts should help you to remember your doubles.
Talk about what you can see in the pictures to show double...

Double 3



wheels

$$3 + 3 = 6$$

Double 4



legs

$$4 + 4 = 8$$

Tuesday

These poster prompts should help you to remember your doubles.
Talk about what you can see in the pictures to show double...

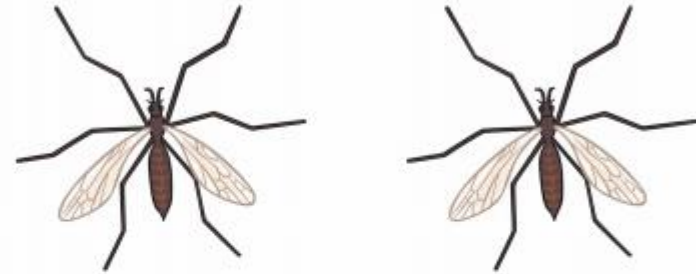
Double 5



toes

$$5 + 5 = 10$$

Double 6



legs

$$6 + 6 = 12$$

Tuesday

These poster prompts should help you to remember your doubles.
Talk about what you can see in the pictures to show double...

Double 7



spots

$$7 + 7 = 14$$

Double 8



legs

$$8 + 8 = 16$$

Tuesday

These poster prompts should help you to remember your doubles.
Talk about what you can see in the pictures to show double...

Double 9



petals

$$9 + 9 = 18$$

Double 10



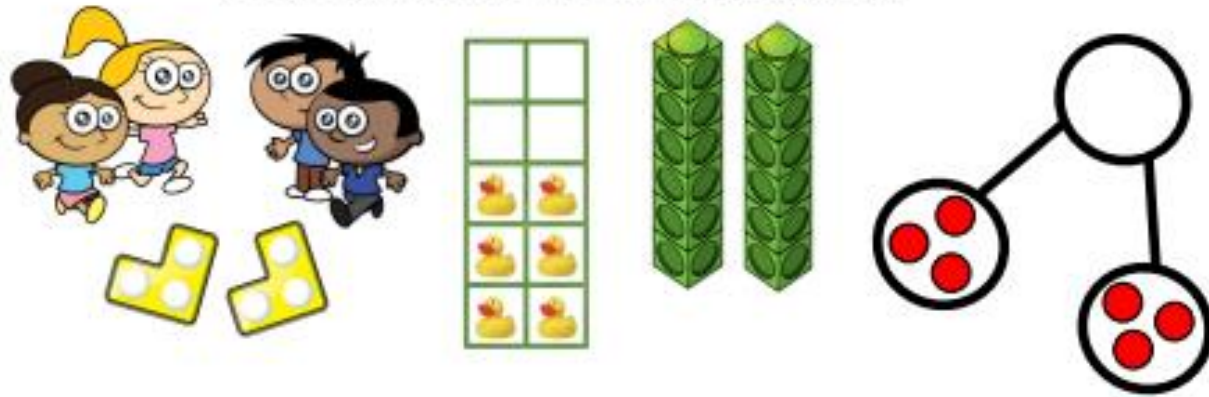
candles

$$10 + 10 = 20$$

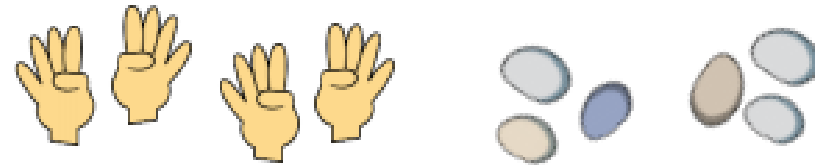
Wednesday – have a go at some of these activity suggestions 😊

There are lots of different ways to learn about doubling ...

Allow the children to explore different ways to build doubles using real objects and practical equipment.



Ask the children to sit opposite each other. One child sets out a quantity of small items such as pebbles or cubes. Their partner doubles it by making the same quantity. They can also hold up fingers and their partner matches them to make a double.



Provide sets of dominoes and ask the children to find the doubles. Show the children how to play dominoes and look at the doubles they make as they play.



Play Doubles



The children take turns to roll 2 dice and score a point each time they roll a double. The first to reach 3 points wins the game.

You could find lots of different items around the house/garden to show 'doubles'. Just remember the two numbers added together must be the same!

If you have dice or dominoes at home these games are great for doubling!

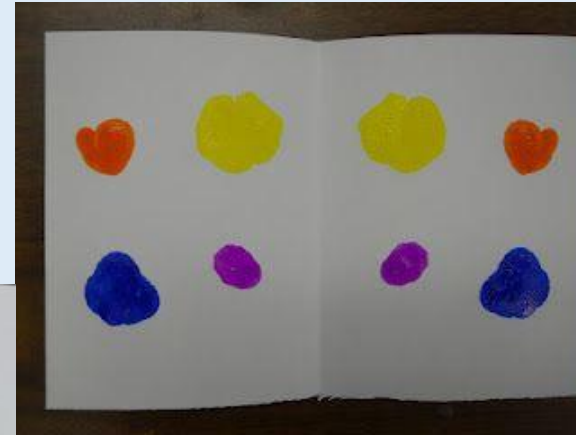
Wednesday - have a go at some of these activity suggestions 😊
Here are some more ways to practise **doubling** ...



Use a mirror to show the double in the reflection!

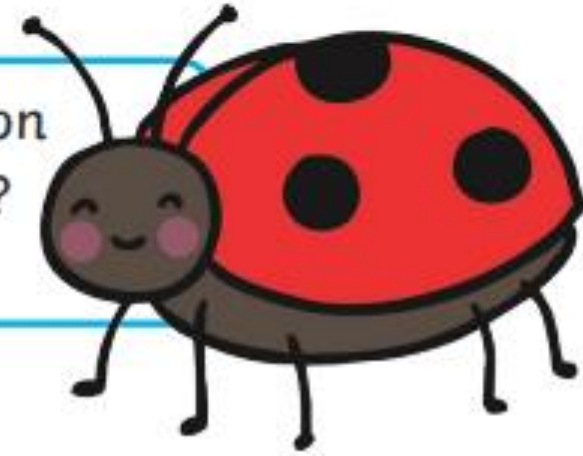


Paint a chosen amount of spots on one side of the butterfly. Fold the paper in half and it will reveal double when you open it out again! 😊

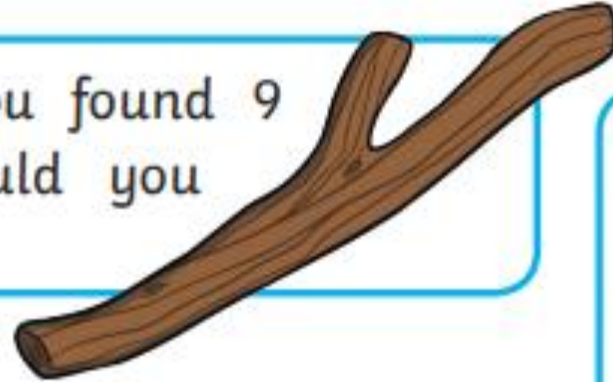


Thursday Problem solving- Doubling

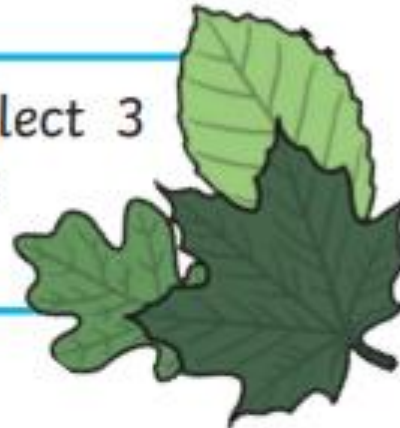
If a ladybird has 4 spots on one side and 4 spots on the other side, how many does she have in total?
Double 4.



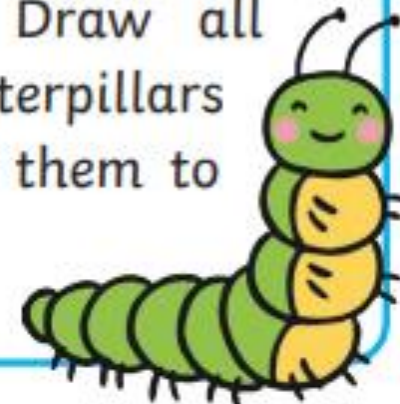
Collect 9 sticks. If you found 9 more, how many would you have altogether?



Collect 3 leaves outside. Collect 3 more. How many do you have altogether?



Draw 7 caterpillars on a large leaf. Double the amount. How many caterpillars are there in total? Draw all the caterpillars and count them to check.



Thursday Problem solving- Doubling



Jordan made 6 cupcakes for her class, but she needs to make more. There are double that number of children in her class. How many cupcakes does she need in total? Can you make that many cupcakes?

Some preschool children visit your class for an afternoon. There are usually 10 children in your class but today there are double that amount. How many children are there altogether?



Friday Challenge cards

You may need a grown up to read out these challenges for you to then work out the answer -

Please do not feel as though you must complete all of these challenge cards! 😊

Double Magician's Challenge Cards



Double Magician's

1. There were 4 children walking to the park. The Doubles Magician waved his wand and doubled the number of children. How many children are now walking to the park?



Double Magician's

2. Sam had 3 pieces of chocolate to eat. The Doubles Magician waved his magic wand and doubled the number. How many pieces of chocolate does Sam have now?



Double Magician's

3. There were 7 ducks swimming in the pond. The Doubles Magician waved his wand and doubled the number. How many ducks are there altogether?



Friday Challenge cards

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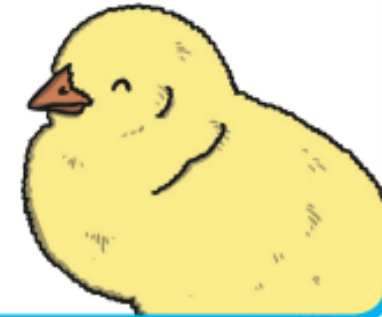
Double Magician's

4. Flora invited 10 friends to a party. The Doubles Magician waved his magic wand and doubled the number. How many friends did Flora have at her party?



Double Magician's

5. 9 little chicks hatched out of their eggs. The Doubles Magician waved his magic wand and doubled the number. How many chicks are there now?



Double Magician's

6. Cyril scored 8 goals in his football match. The Doubles Magician waved his magic wand and doubled the number. How many goals did Cyril score now?



Double Magician's

7. Bertie had 5 candles on his birthday cake. The Doubles Magician waved his magic wand and doubled the number. How many candles does Bertie have on his cake now?



Friday Challenge cards

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Please do not feel as though you must complete all of these challenge cards! 😊

Double Magician's

8. Malachi had 2 wheels on his scooter. The Doubles Magician waved his magic wand and doubled the number. How many wheels does Malachi have now?



Double Magician's

9. Zara collected 6 sticks from the woods. The Doubles Magician waved his magic wand and doubled the number. How many sticks does Zara have now?



Double Magician's

10. Viktor had 1 fluffy puppy. The Doubles Magician waved his magic wand and doubled the number. How many puppies does Viktor have now?



Doubles Magicians Challenge Cards **Answers**

- | | |
|---------------|---------------|
| 1. 8 children | 6. 16 goals |
| 2. 6 pieces | 7. 10 candles |
| 3. 14 ducks | 8. 4 wheels |
| 4. 20 friends | 9. 12 sticks |
| 5. 18 chicks | 10. 2 puppies |