

Phase 3 – Book list

Pete the Cat and his 4 Groovy Buttons–Eric Litwin

Witches Four – Marc Brown

Kipper's Birthday – Mick Inkpen

5 Little Fiends – Sarah Dyer

The Very Hungry Caterpillar- Eric Carle

Stella to Earth! – Simon Puttock

Square - Mac Barnett and Jon Klassen

Bear in a Square – Della Blackstone

Fox in the Dark – Alison Green

Peace at last- Jill Murphy

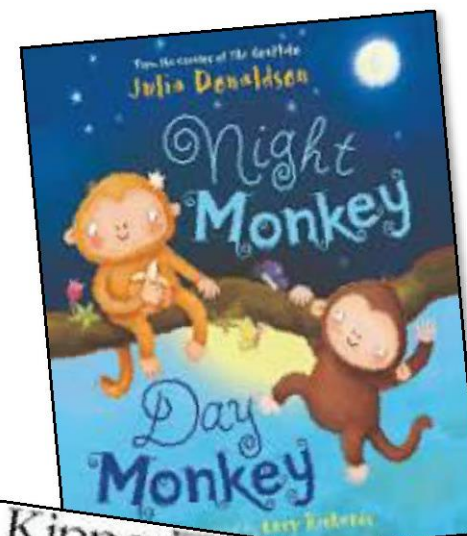
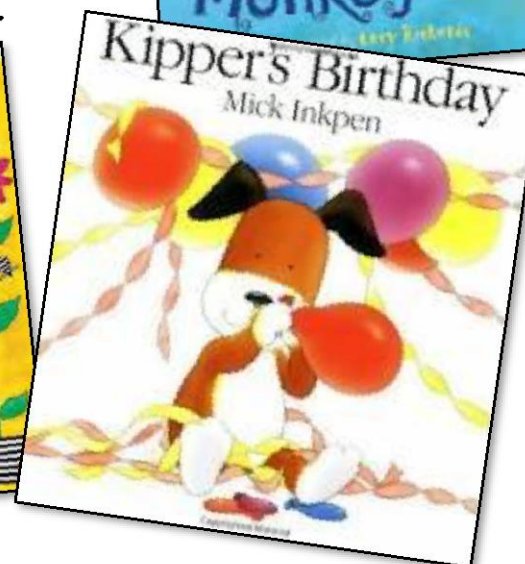
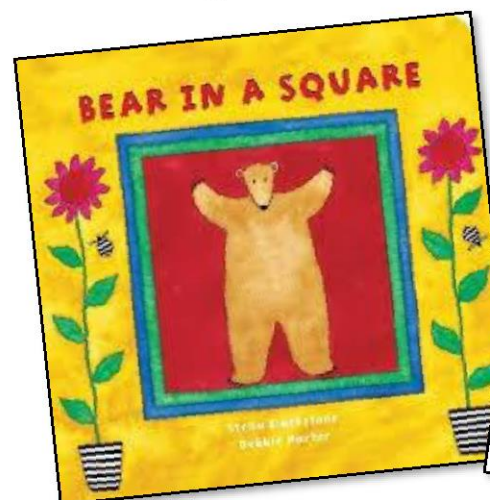
Kipper's Monster – Mick Inkpen

Day Monkey, Night Monkey – Julia Donaldson

The Dark, Dark Tale – Ruth Brown

Funnybones – Janet & Allen Allberg

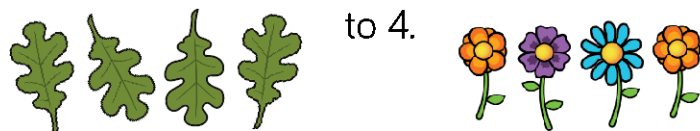
Reading to children is an essential part of their development. Any of these books would be useful during the phase 'Night and Day' alongside traditional tales such as The Enormous Turnip and The Gingerbread Man.





Guidance

Children count on and back to 4. They count or subitise sets of up to 4 objects to find how many and make their own collections of objects. They match the number names to numerals and quantities and are able to say which sets have more and which have fewer items. When counting, they continue to learn that the final number they say names the quantity of the set. They use their own mark-making to represent numbers



Other Resources

Pete the Cat and his 4 Groovy Buttons – Eric Litwin

Witches Four – Marc Brown



Washing Line – Jez Alborough

Anno's Counting Book – Mitsumasa Anno

Prompts for Learning

Note: All the prompts for counting to three can be applied to counting to four, plus these extra ideas.

Have a basket of something interesting to count. Ask the children to count out 4 items and arrange them on a whiteboard.



How many are there altogether?

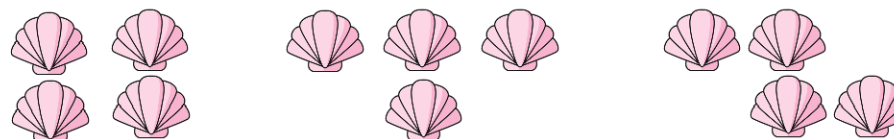
Does your 4 look the same as mine?

Rearrange the items. How many are there now?

Can you make yours look the same as mine?

Can you arrange your 4 in a different pattern to mine?

What smaller groups can you see in your 4?



Arrange 4 items on a 5 frame – what do you notice?

Prompt the children to notice that 4 is one less than 5 so there will always be one empty space.

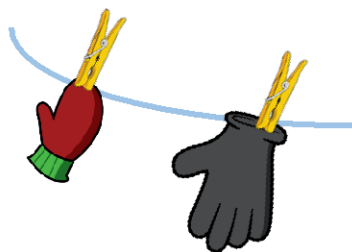


Circle game. Everybody stand up. Count round the circle 1, 2, 3, 4 1, 2, 3, 4 1, 2, 3, 4, etc. The person who says 4 sits down each time. Continue to count round the circle until there is only one person remaining. You can also count back 4, 3, 2, 1 and sit down on 1.



Washing line

Hanging clothes - linking to the book suggested, provide children with items to hang on the washing line. Can they count as they hang the items? How many items do they have altogether? Can we count them back into the basket?



Enhancements to areas of learning



Small world

In the small world area, create two areas (barns, fields) with signs that say 'two legs' and 'four legs'. Can children sort the animals into the correct areas by counting their legs?



Outdoor

In the parking bays, place signs for 2 wheels, 3 wheels and 4 wheels. When children park their bikes or toy cars, can they match the vehicle to the correct bay?



Outdoor **1234**

Set up a number hunt.

Hide numerals or objects with numerals on them around the outside area. Ask the children to find the numerals and to sort them into 1, 2, 3, and 4. Encourage them to count out quantities to match each numeral.

Shapes with 4 sides

Guidance

Children learn that squares and rectangles have 4 straight sides and 4 corners. They begin to recognise these shapes on everyday items in the classroom and outside. Encourage the children to build their own squares and rectangles. It is important to show squares and rectangles in a variety of different sizes and orientations. Can they spot any other shapes with 4 straight sides.

(Note for teachers: In mathematics, squares are classed as special rectangles with 4 equal sides)

Other Resources

Square - Mac Barnett and Jon Klassen

Mr Strong – Roger Hargreaves

Bear in a Square – Della Blackstone

Number blocks Series 1 Episode 6 - Four

Prompts for Learning

Show the children a variety of squares and rectangles in different sizes and orientations.

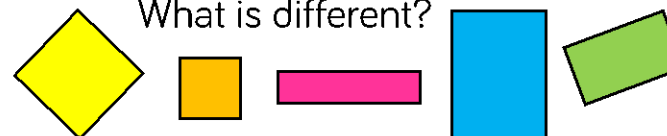
Choose one of the shapes. Ask the children to tell you what they notice.

How many corners can they see?

What if we turn it around, is it still the same shape?

Compare a square and a rectangle. What is the same?

What is different?

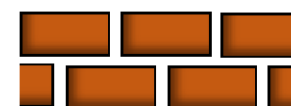
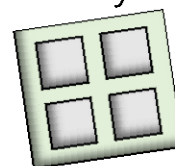


Show the children pictures of buildings or street scenes.

What shapes can you see in the picture?

How many squares and rectangles can you count?

Can you make your own pictures using squares and rectangles?



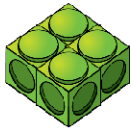
Go on a shape hunt. Where do you see squares and rectangles on everyday objects?

How many different squares and rectangles can you find inside and outside?

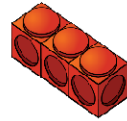
Shapes with 4 sides

Modelling

Using the street scene images, discuss the different types and shapes of different homes. Provide a variety of boxes and ask the children to build their own models to create a street scene. Can they add square and rectangular windows and use torches to light the homes up from the inside.



Maths area

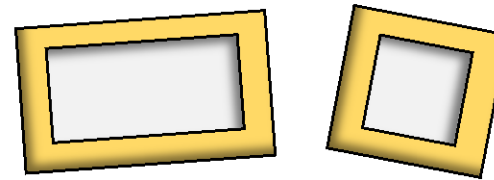


Show the children how 4 multilink cubes can be joined to build a square face. Can they build squares using 4 cubes? What other quantities of cubes will build a square face? How many different rectangles faces can they build using the cubes?

Enhancements to areas of learning

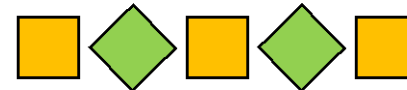
Loose parts

Provide square and rectangular frames of different sizes and a selection of loose parts. Ask the children to fill each frame with different loose parts. Which frames hold the most? Compare how many different sized loose parts can fit inside a frame E.g. fir cones, pebbles and shells.



Art area

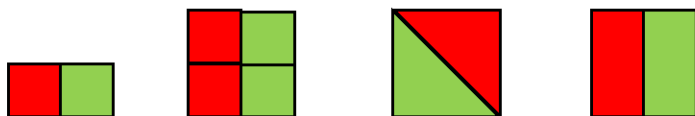
Provide a range of items such as wooden blocks, duplo, lego etc for the children to print with. Which objects make the best square and rectangle prints? Can you make a repeating pattern? Can you make a pattern like the bricks on a wall?



Digging Deeper

Combining shapes

Ask the children to investigate which shapes they can make by combining squares, rectangles and triangles in different ways.



Can you build a small square, a medium square and a large square? You could draw outlines for the children to fill initially.

What shapes did you use to make your squares?
Is there a different way to build the same shape?

Can you build a square using rectangles?
How do you know it is square?
Can you build a rectangle using squares?
How do you know it is a rectangle?

Key questions

What shapes can you build?
Is there more than one way to make this shape?
What shapes can you make by joining 2 squares?
By joining 2 rectangles?
2 triangles?
Can you fill this shape leaving no gaps?

Matchstick shapes



Use matchsticks to build squares and rectangles.
What is the smallest square you can make?
How many matchsticks did you use?
What is the largest?
Can you count all of the matchsticks you used?

What is the smallest number of matchsticks needed to build a rectangle?

To be able to follow simple rules and expectations

Date: Monday 23rd

1. Good listening



2. Good sitting



3. Good looking



4. Wait for your turn to speak/ answer



5. Hands to your self

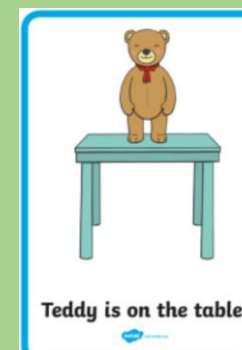
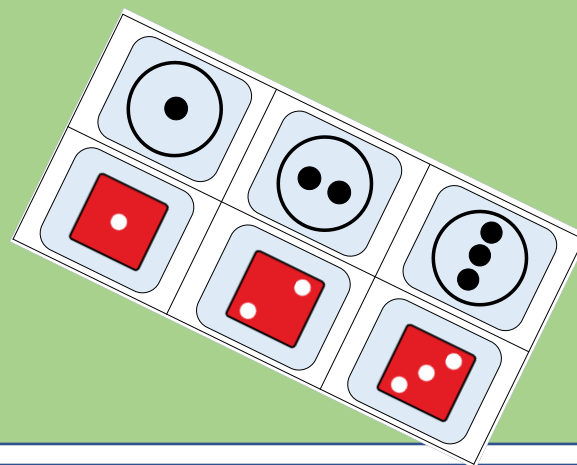
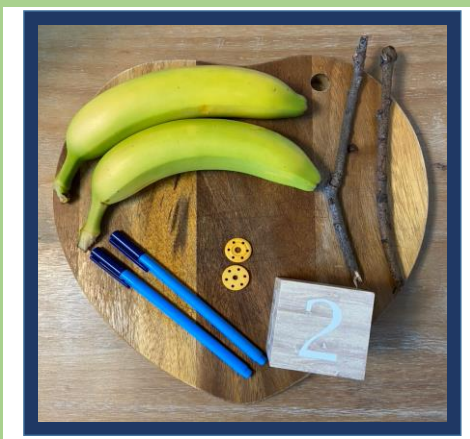


Word bank

Phase 3 – Light and Dark

Date: Monday 23rd

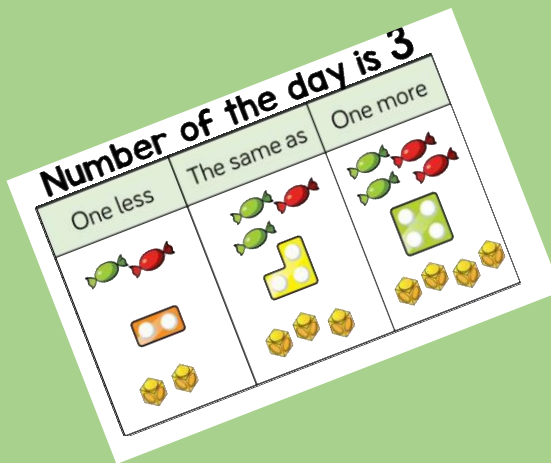
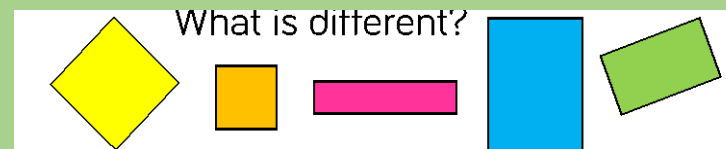
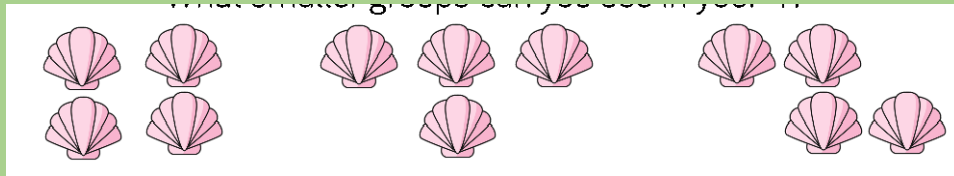
Word bank



So far we have learnt about the number 1,2,3 and we have learnt about shapes and positional language.

Phase 3 – Light and Dark

Date: Monday 23rd



4
5



Over the next 3 weeks we will learn about the numbers 4 & 5, shapes with 4 & 5 sides, one more and one less and time.

Word bank

Light and Dark

LO: To find different ways of representing the number 4

LO: To find shapes with 4 sides

Date: Monday 23rd



Pete is wearing his favourite

shirt with four **big**,
colourful, round buttons.

He sang his song!

"My buttons, my buttons, my four groovy buttons"

<https://www.youtube.com/watch?v=0C3ehwLGe5A> (up to 1.26min)

How many buttons does Pete have?

What number do you think we are focussing on?

Word bank

four

4

Number

Represent

Sides

shapes



Chn to have wbs
and pen before
the lesson

IT'S ME 123!

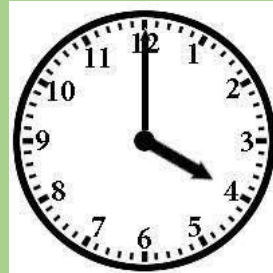
LO: To find different ways of representing the number 4

LO: To find shapes with 4 sides

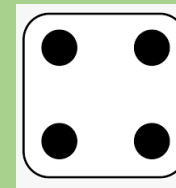
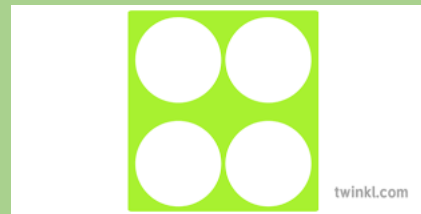
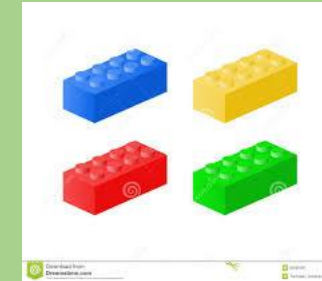


Date: Monday 23rd

The number 4 can be shown in lots of different ways.



four
4

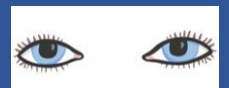


Word bank

four

4

Number
Represent
Sides
shapes



You can try to find objects around the house to represent 4

Chn to have wbs
and pen before
the lesson

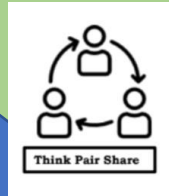
IT'S ME 123!

LO: To find different ways of representing the number 4

LO: To find shapes with 4 side



Date: Monday 23rd



With your partner, can you think of another way to represent the number 4?

four
4

Think about how you can represent 4 with your body/ fingers etc

Word bank

four

4

Number

Represent

Sides

shapes

Few seconds for chn to discuss other ways of representing 4.

Virtue and values:
team work
Critical thinking

IT'S ME 123!

LO: To find different ways of representing the number 4

LO: To find shapes with 4 sides



Date: Monday 23rd

You can even
represent 4
through...



4 four



Word bank

four

4

Number

Represent

Sides

shapes

Virtue and values:
Autonomy



Have a go at the different ways of representing 4 as a class.

IT'S ME 123!

LO: To find different ways of representing the number 4

LO: To find shapes with 4 side



Date: Monday

Can you
write the
number and
word 4?



4 four

Word bank

four

4

Number

Represent

Sides

shapes



Virtue and values:

team work

Respecting other

peoples opinions

Practise forming the number correctly on body then on white boards

IT'S ME 123!

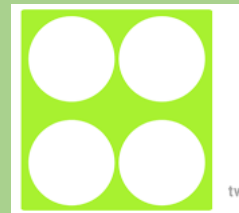
LO: To find different ways of representing the number 4

LO: To find shapes with 4 sides



Date: Monday

Can you help me
find the number
4 or objects that
represent 4?



Word bank
four
4
Number
Represent
Sides
shapes

Have a set of objects or pictures for this part of the activity. Present children a set of objects/pictures. children to discuss which object/ picture represents 4.



Think Pair Share



Hands up

Virtue and values:
Autonomy



IT'S ME 123!

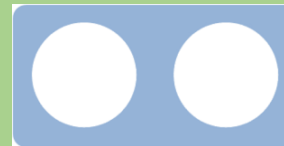
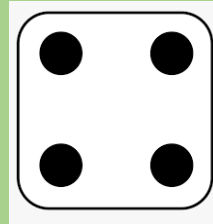
LO: To find different ways of representing the number 4

LO: To find shapes with 4 sides



Date: Monday

Can you help me
find the number
4 or objects that
represent 4?



Word bank

four

4

**Number
Represent
Sides
shapes**

Lets try again



Think Pair Share



Hands up

Virtue and values:
Autonomy



IT'S ME 123!

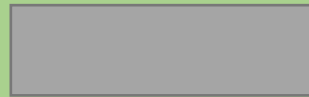
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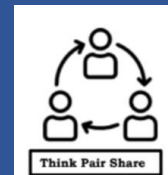
Date: Monday

Can you find the
shapes with 4
sides?



Word bank
four
4
Number
Represent
Sides
shapes

In partners can you identify 4 sides shapes?



Virtue and values:
team work



IT'S ME 123!

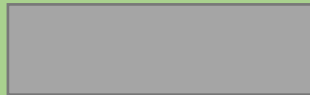
LO: To find different ways of representing the number 4

LO: To find shapes with 4 sides



Date: Monday

Can you find the
shapes with 4
sides?



Word bank
four
4
Number
Represent
Sides
shapes

Model how many sides a square has and model describing it
It has 4 sides and 4 corners. All the sides are the same



Virtue and values:
team work



IT'S ME 123!

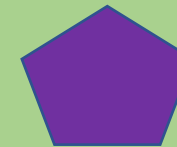
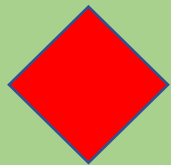
LO: To find different ways of representing the number 4

LO: To find shapes with 4 sides



Date: Monday

Can you find the
shapes with 4
sides?



Word bank

four

4

**Number
Represent
Sides
shapes**

In partners can you identify 4 sides shapes?

It has 4 sides and 4 corners. 2 sides are long and 2 sides are shorter



Think Pair Share



Hands up

Virtue and values:
team work



IT'S ME 123!

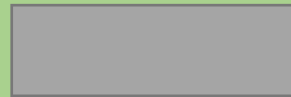
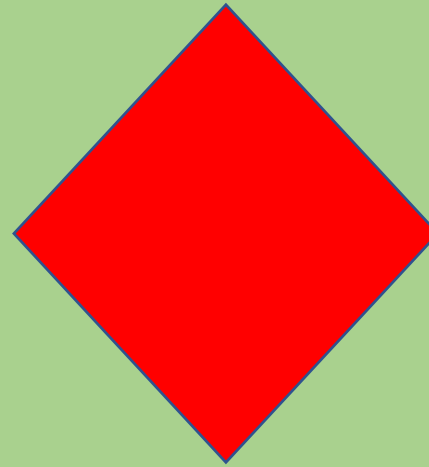
LO: To find different ways of representing the number 4

LO: To find shapes with 4 sides



Date: Monday

Can you find the
shapes with 4
sides?



Word bank
four
4
Number
Represent
Sides
shapes

In partners can you identify 4 sides shapes?



Virtue and values:
team work



IT'S ME 123!

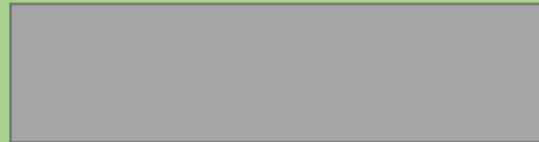
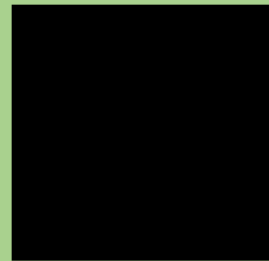
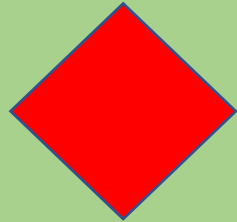
LO: To find different ways of representing the number 4

LO: To find shapes with 4 sides



Date: Monday

Can you find the
shapes with 4
sides?



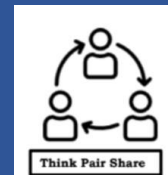
Word bank

four

4

Number
Represent
Sides
shapes

With your partners can you find a shape in the class with 4 sides?



Virtue and values:
team work





Date: Monday

<https://www.youtube.com/watch?v=4l2uzx9uwow>



<https://www.youtube.com/watch?v=Xket7YPSCYk>



Virtue and values: