

What number comes after / before...?
 How many tens and ones can you see?
 How many can you see altogether?
 What do you notice about the pattern?

To 20 and beyond

Teen numbers

1 ten and... more

13 14 15
 16 17 18
 19

19 is 10 and 9 more

Missing numbers

12 15 16
 15 16 19

I can see 1 ten and... more

... comes after...

... comes before...

There are ... altogether

Key Vocabulary

11 16
 12 17
 13 18
 14 19
 15 20

Build 11-20

11

15

17

20

1 more – add one

1 less- take one away

10 11 12 13 14 15 16 17 18 19 20

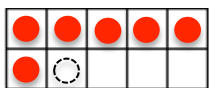
Repeating patterns

10 11 12 13 14 15 16 17 18 19 20

How many are there first?
 How many are there now?
 How many were added?
 How many were taken away?

Key Vocabulary

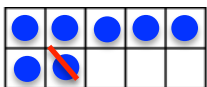
Add



More



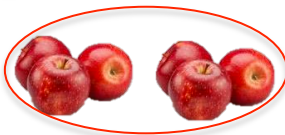
Take away



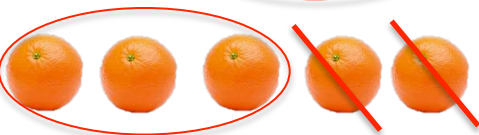
Less



Altogether

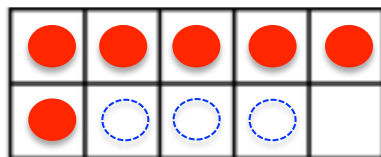


Left



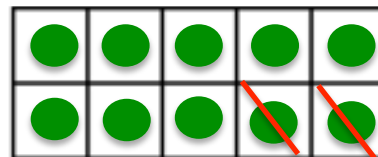
How many now?

Add more



6 and 3 more make 9

Take away



10 take away 2 leaves 8

First there were...

Now there are...

...were taken away

There are... left

How many now?

First there were 6 ducks.



Then 2 more came.



Now there are 8 ducks.



Missing part

First...

Now...



How many were added?

What shapes can you see?
 How did you move the shape?
 Which shapes fit together?
 What new shape did you make?

Key Vocabulary

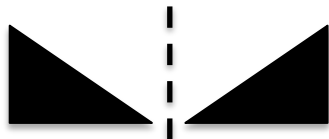
Turn



Rotate



Flip



Roll

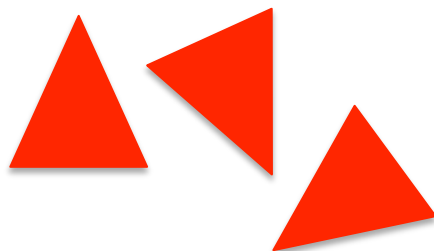


Stack



Manipulate, Compose and decompose

Rotate shapes



Stack



Roll



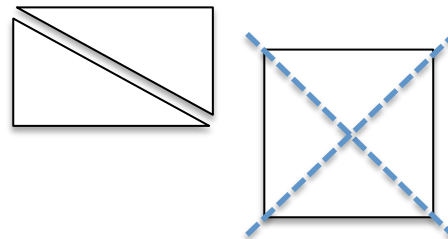
I can see
a...

It fits
because...

Make a picture with shapes



Compose and decompose shapes



The...is next
to the...

I turned the
shape...

Shapes inside shapes



Positional language



Under



On



Next to

Is it fair?

Do both groups have the same amount?

Which group has more?

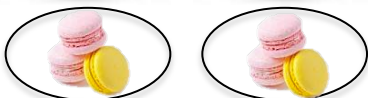
How can we make it fair?

Key Vocabulary

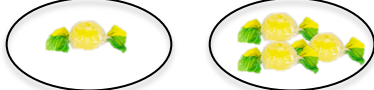
Share



Equal



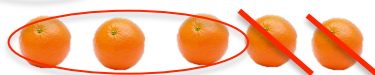
Unequal



Group



Left over



Odd



Even



Double

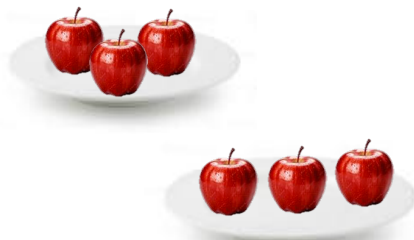


Pair



Sharing and grouping

Equal



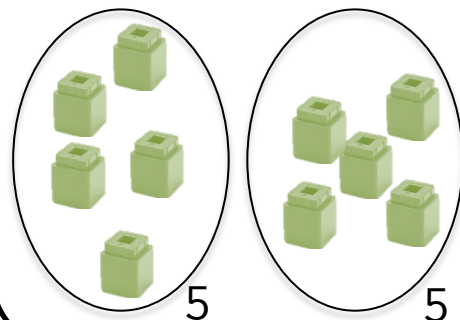
Unequal



It is fair because...

They have the same amount.

Same amount



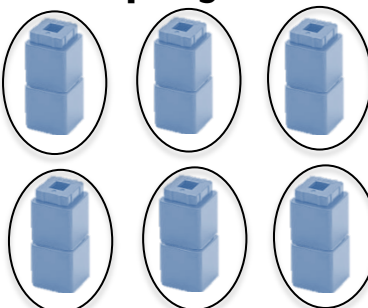
Sharing



There is... left over.

Each group has...

Grouping



2 in each group

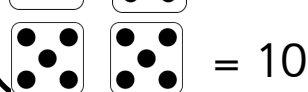
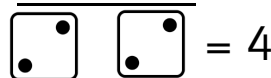
Odd



Even



Doubles



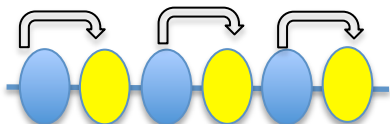
What comes next?
Can you build it the same?
Where is the teddy?
How did you move the shape?

Key Vocabulary

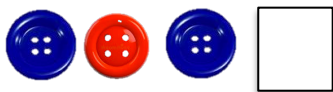
Pattern



Repeat



Next



Same



Turn

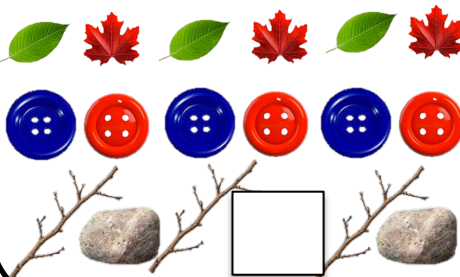


Map

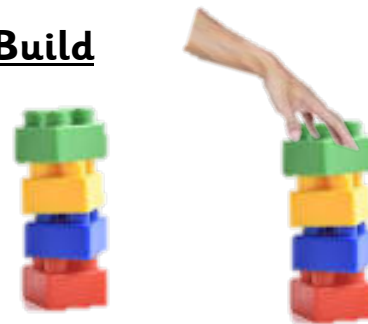


Visualise, build and map

Repeating patterns



Build



The pattern repeats...

It goes next to...

The shape has been turned...

It is under / on / next to the...

Positional language

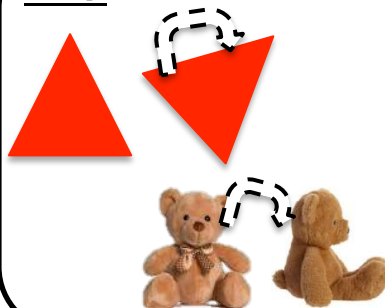


Under

On

Next to

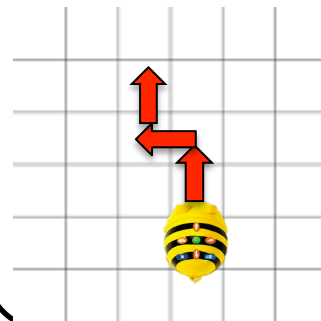
Turn



Map



Directions



What do you notice?
 How do you know?
 Can you find another way?
 What could you try next?

Key Vocabulary

Pattern    

Repeat      

Build 

Same  

Different  

Tall 

Short 

Big 

Small 

Make connections

Patterns



I know my idea worked because...

My plan is...

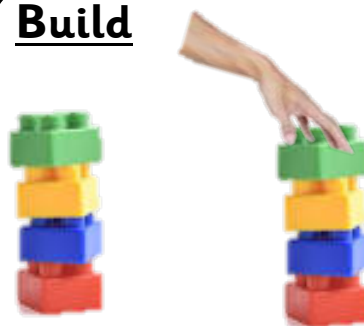
I decided this because...

To make a... I need...

How many red blocks measure the same as one blue block?



Build



Tall



short



Big



small

