6 Recite the 2s, 5s, 10s sequences forwards and backwards
2s forwards and backwards:
0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24
24, 22, 20, 18, 16, 14, 12, 10, 8, 6, 4, 2, 0

5s forwards and backwards:
0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60
60, 55, 50, 45, 40, 35, 30, 25, 20, 15, 10, 5, 0

10s forwards and backwards:
0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120
120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10, 0

7 Compare numbers to find the difference
The difference between 13 and 11 is two because 13 is two more than 11

8 Finding one more or less
5 is one more than 4 and 5 is one less than 6

9 Find two more or less
3 is two less than 5 and 7 is two more than 5
The difference between 4 and 6 is 2

26 is two less than 28 and 30 is two more than 28
10 Using Comparative Language

Max has more than Ann
Max has the most or the greatest amount

Ann has less than Max
Ann has the least

The difference between Max's money and Ann's money is £2

11 Compare two amounts, say how many more/less

How many more boys are there than girls?
How many fewer/less girls are there than boys?

12 Read and write numbers in figures and words

<table>
<thead>
<tr>
<th>1</th>
<th>one</th>
<th>11</th>
<th>eleven</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>two</td>
<td>12</td>
<td>twelve</td>
</tr>
<tr>
<td>3</td>
<td>three</td>
<td>13</td>
<td>thirteen</td>
</tr>
<tr>
<td>4</td>
<td>four</td>
<td>14</td>
<td>fourteen</td>
</tr>
<tr>
<td>5</td>
<td>five</td>
<td>15</td>
<td>fifteen</td>
</tr>
<tr>
<td>6</td>
<td>six</td>
<td>16</td>
<td>sixteen</td>
</tr>
<tr>
<td>7</td>
<td>seven</td>
<td>17</td>
<td>seventeen</td>
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<tr>
<td>8</td>
<td>eight</td>
<td>18</td>
<td>eighteen</td>
</tr>
<tr>
<td>9</td>
<td>nine</td>
<td>19</td>
<td>nineteen</td>
</tr>
<tr>
<td>10</td>
<td>ten</td>
<td>20</td>
<td>twenty</td>
</tr>
</tbody>
</table>

13 Mathematical statements involving (+) (-) and (=)

We read: 3 added to 4 makes 7
We write: $3 + 4 = 7$

We read: 7 subtract 3 makes 4
We write: $7 - 3 = 4$

How many altogether or in total?

14 Know different words for the same operation

<table>
<thead>
<tr>
<th>Operation</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>plus, addition, add, added</td>
</tr>
<tr>
<td>-</td>
<td>minus, subtract, take away</td>
</tr>
<tr>
<td>=</td>
<td>equals, the same as</td>
</tr>
</tbody>
</table>

15 Number bonds

Number bonds to 10!

$1 + 9 = 10 \quad OR \quad 9 + 1 = 10$
$10 - 1 = 9 \quad OR \quad 10 - 9 = 1$

$2 + 8 = 10 \quad OR \quad 8 + 2 = 10$
$10 - 2 = 8 \quad OR \quad 10 - 8 = 2$

$3 + 7 = 10 \quad OR \quad 7 + 3 = 10$
$10 - 3 = 7 \quad OR \quad 10 - 7 = 3$
16 Make teen numbers and say the bonds

I can make 13 with one ten and 3 units (ones).
13 is ten and 3 more.

17 Addition and subtraction by partitioning using number bonds

Addition
Example: 8 + 6

\[
\begin{align*}
8 + \underline{2} & = 10 \\
+ 4 & = 14
\end{align*}
\]

Subtraction
Example: 13 - 5

\[
\begin{align*}
13 - \underline{3} & = 10 \\
2 & = 8
\end{align*}
\]
20 Multiplication and division – arrays
Find arrays in the environment. Explain the facts they show.

This shows
3+3+3+3+3
or
5x3

I can see 5 groups of 3.
How many seeds altogether?

There are 15 seeds
How many groups of 5 can you make?
How many groups of 3 can you make?

21 Recognise and name a half
We write: \( \frac{1}{2} \)

Split objects or a group into two equal parts

\( \frac{1}{2} \) YES \( \frac{1}{2} \) NO!!!!

Cut a sandwich in half.

22 Find halves of measures
Can you find half of these measurements?

Which number is half way on a ruler?
Compare it to the whole ruler.

23 Recognise and name a quarter
We write: \( \frac{1}{4} \)

Half of a rectangle

Half of the balloons
24 Measures
Mass/weight

heavier
heaviest

lighter
lightest

Capacity/volume

emptiest
empty
less

fullest
full
more

Time

slower
slowest

faster
fastest

Length

short
shortest

long
longest

25 Know names of different units of measure
Mass/weight

weight of an apple - grams

weight of a boy - kilograms

Capacity/volume

medicine spoon - millilitres

bucket of water - litres

Time

count to 20 - seconds

eat your dinner - minutes

sleep - hours

Length

A pencil - centimetres

The school hall - metres

Road distance - kilometres

26 Name the value of coins

1p  2p  5p  10p

20p  50p  £1  £2
Value of notes

How many pounds (£) in each note?

How many 50p in each note?

What can you buy with each note?

27 Sequence events

<table>
<thead>
<tr>
<th>1. Watched some TV</th>
<th>2. Came home from school</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Watched some TV" /></td>
<td><img src="image2.png" alt="Came home from school" /></td>
</tr>
<tr>
<td>3. Brushed my teeth</td>
<td>4. Went to bed</td>
</tr>
<tr>
<td><img src="image3.png" alt="Brushed my teeth" /></td>
<td><img src="image4.png" alt="Went to bed" /></td>
</tr>
<tr>
<td>5. Had my tea</td>
<td>6. Did my homework</td>
</tr>
<tr>
<td><img src="image5.png" alt="Had my tea" /></td>
<td><img src="image6.png" alt="Did my homework" /></td>
</tr>
</tbody>
</table>

28 Dates

To write the date and your birthday

Today is Monday 2nd July 2018

My birthday is the 6th February

---

*Months of the Year*
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

*Days of the Week*
- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
29 Tell the time

The long hand is called the MINUTE hand. The short hand is called the HOUR hand.

When the long hand is on 12, we say o'clock.

8 o'clock

When the long hand is on 6, we say 'half past'.

Half past 2

30 Recognise 2D shapes

Rectangle/oblong

Square

Triangle

Circle

How many sides (flat line) and corners (where two sides meet)?

31 Recognise and name 3D shapes

- Cuboid
- Cube
- Pyramid
- Sphere

Count the faces, vertices and edges.
Find these shapes in your environment.

32 Position, direction and movement

Position

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>▲</td>
<td>□</td>
<td>△</td>
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<td>△</td>
</tr>
<tr>
<td>▲</td>
<td>□</td>
<td>△</td>
</tr>
</tbody>
</table>

What shape is above the cuboid?
Answer: circle

What shape is below/under the blue triangle?
Answer: yellow triangle

What shape is right of the green pentagon?
Answer: sphere

What shape is left of the circle?
Answer: square
Direction

Forward  Backward  Turn right  Turn left

Movement

ANTICLOCKWISE  CLOCKWISE

Clockwise (1 right angle)  or $\frac{1}{4}$ turn

Clockwise (2 right angles)  or $\frac{1}{2}$ turn

Clockwise (3 right angles)  or $\frac{3}{4}$ turn