Plattsburg Public School Learning from Home

Purple Numeracy

Worimi

Dear parents,

If any task is proving difficult your child may leave it and move on. There is no need to cause frustration in the house.

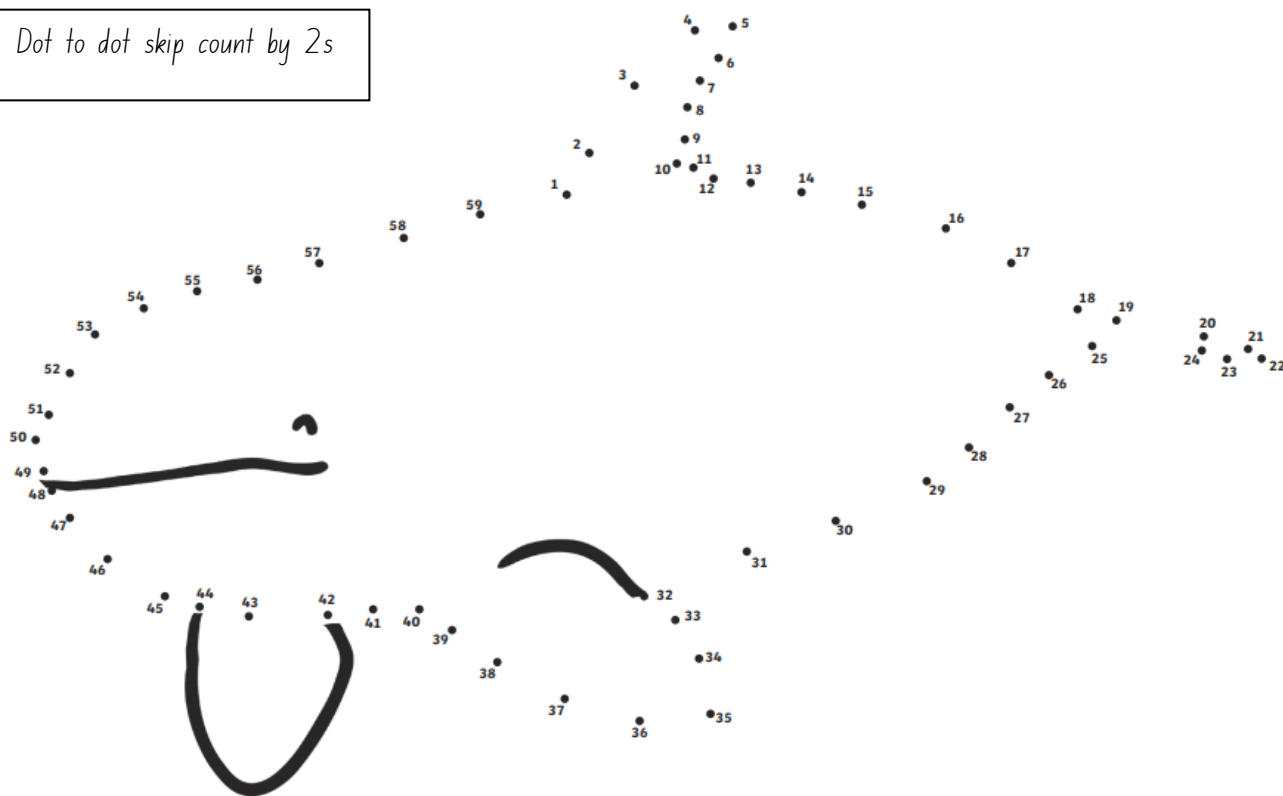If the Physical Challenges are exhausting, please stop.

Hopefully see you all soon.

Mr H

Monday

Dot to dot skip count by 2s

Physical Challenge: Get an adult's permission and your paintbrush and water. If you are allowed head outside, using the water, paint all the numbers from 1-50. If you cannot go outside can you paint the numbers on an old piece of paper or cardboard?

Code

Skip count on by 2's

How did you get there - Number Sentence

Written as Words

PLUS ONE

TAKE 10

40

PLUS 10

TAKE ONE
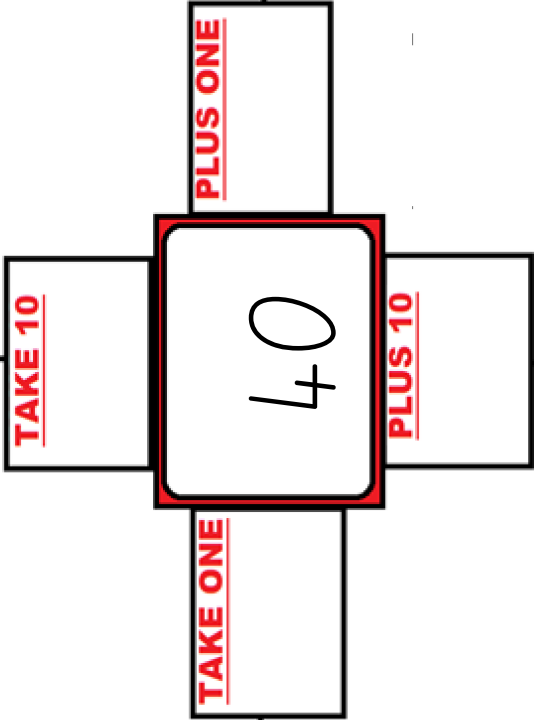
Can you find 1 more than and 1 less than the number in the robot's tummy?

E.g.

14	15	16
	25	
	35	
	24	
	34	
	44	
	8	
	18	
	48	
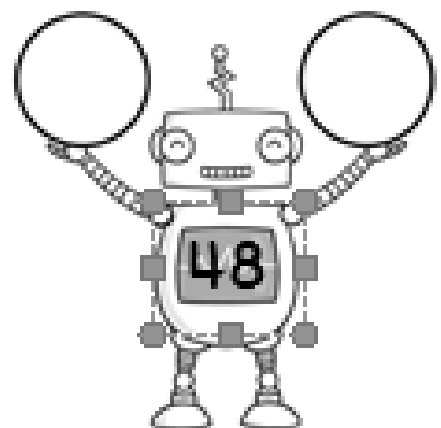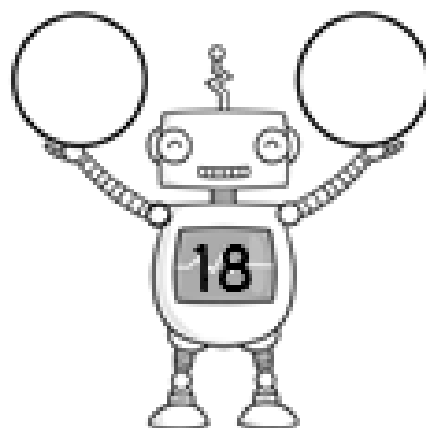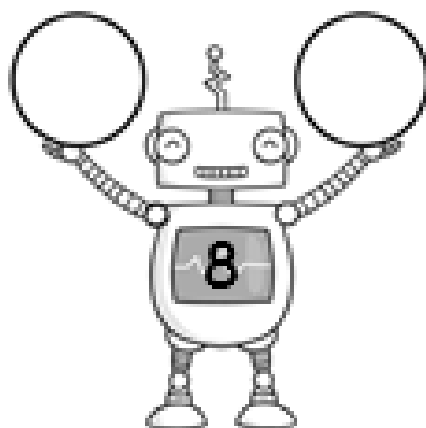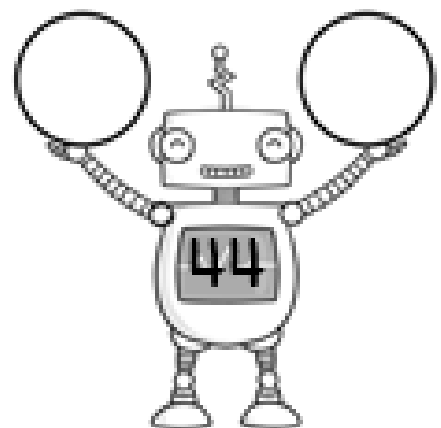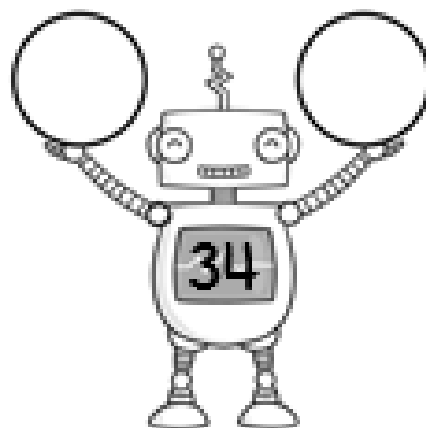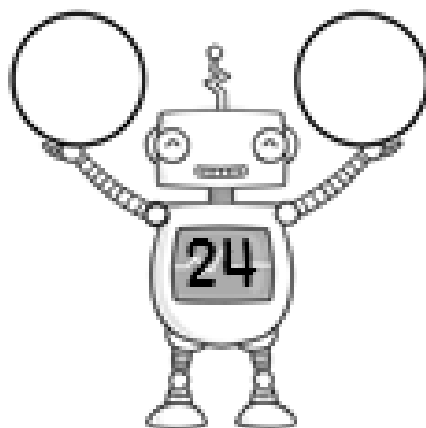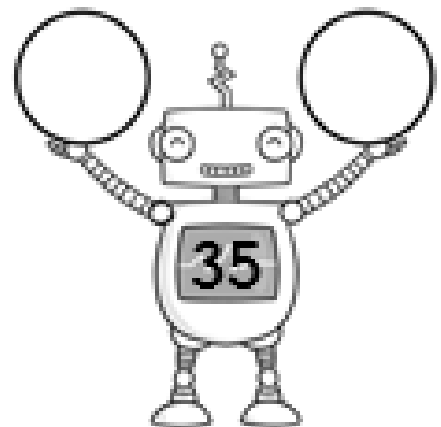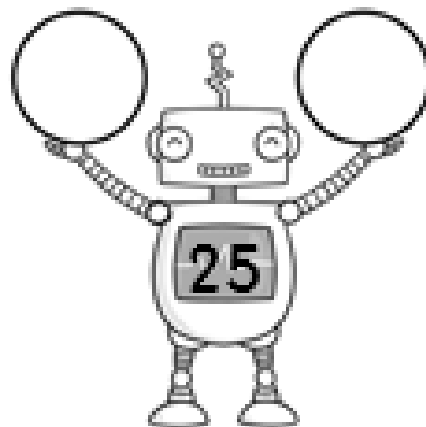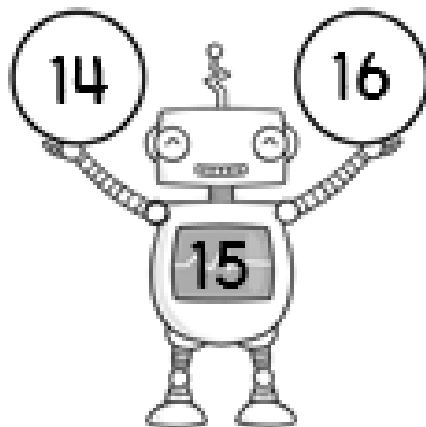
Before and After - Numbers to 50

Fill in the missing numbers to 50.

1	2	3		5	6		8		10
		14	15						20
	22	23	24		26		28		
31	32			35	36	37		39	40
		43			46	47	48		50

I can order numbers to 50.

		44		
		26		
		48		
		37		
		40		
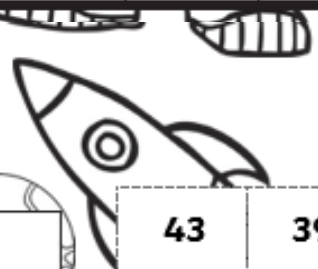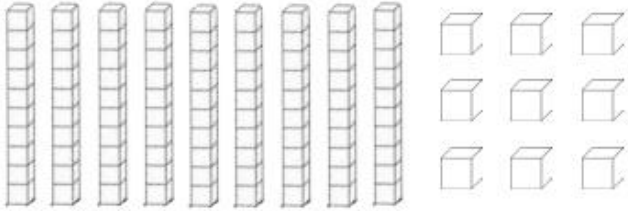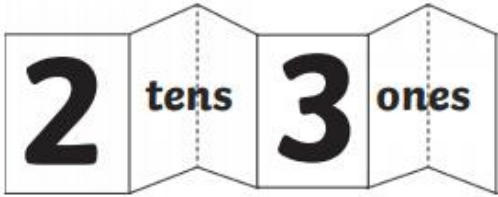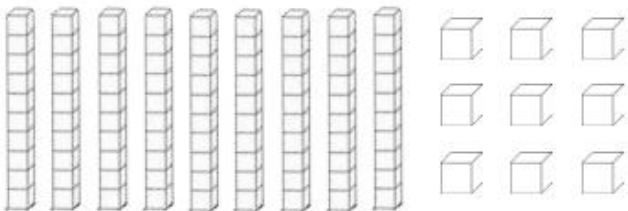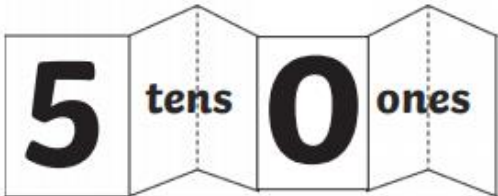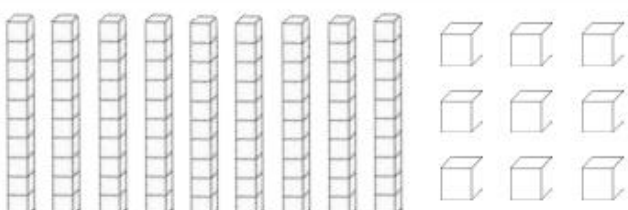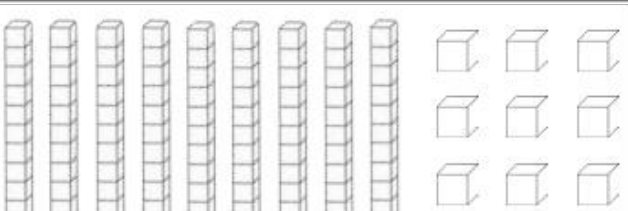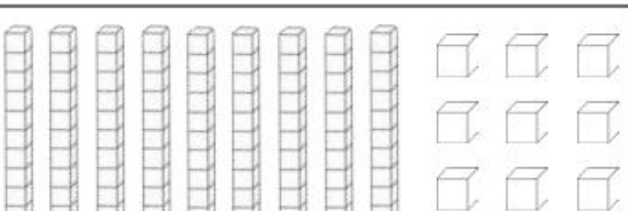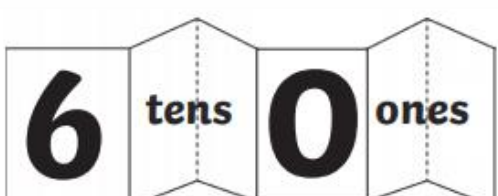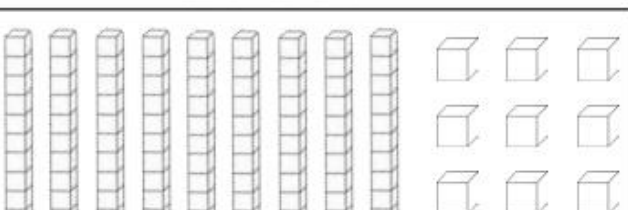
43	39
50	46
42	38
49	24
45	38
47	25
39	36
46	42
28	27
35	41

Base Ten Blocks and Number Expanders
Match the Number on The Expander

Colour the blocks to match the number on the expander.

1 tens 7 ones	
2 tens 3 ones	
5 tens 0 ones	
4 tens 7 ones	
4 tens 3 ones	
6 tens 0 ones	

Tuesday

Dot to dot skip count by 2s
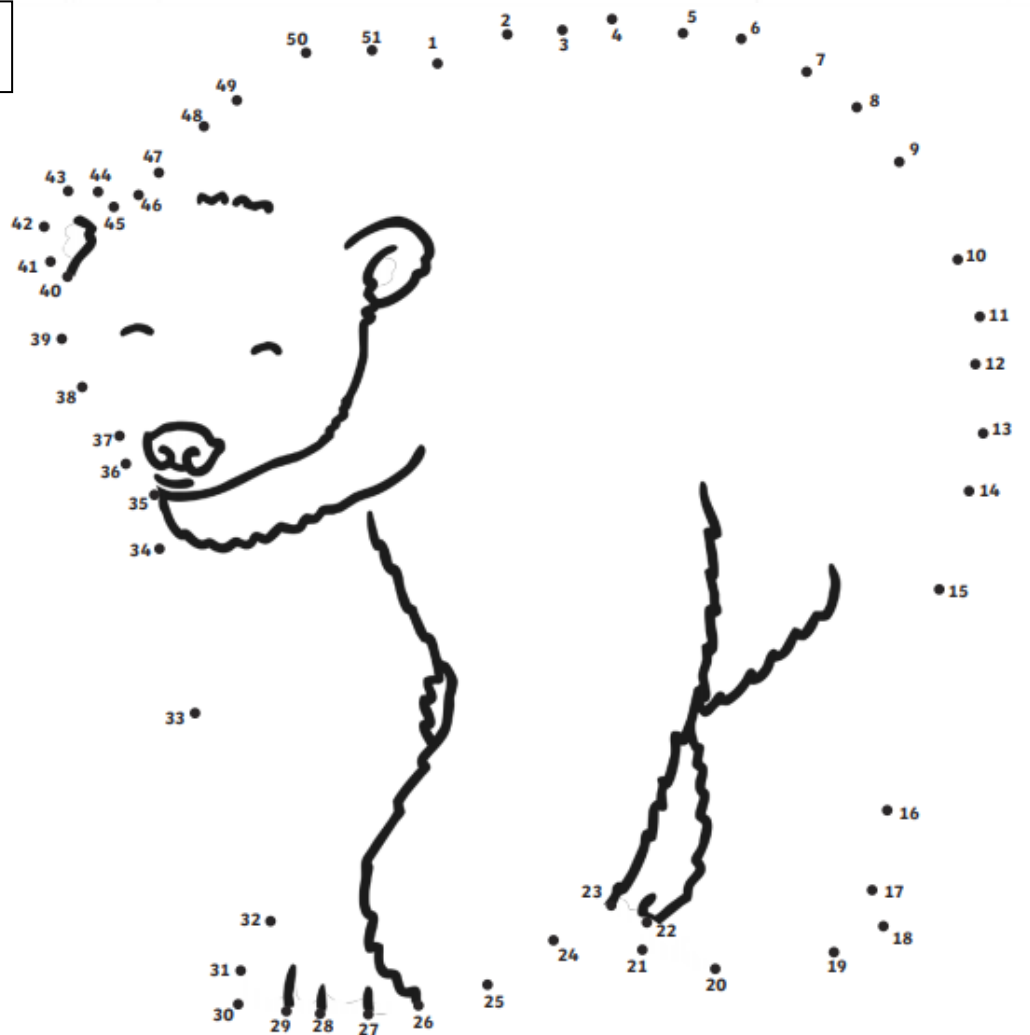
50 · 51 · 1 · 2 · 3 · 4 · 5 · 6 · 7 ·
49 · 8 ·
48 · 9 ·
47 ·
43 · 44 · 46 · 10 ·
42 · 45 · 11 ·
41 · 12 ·
40 ·
39 · 13 ·
38 · 14 ·
37 ·
36 · 15 ·
35 ·
34 ·
33 · 16 ·
23 · 17 ·
32 · 22 · 18 ·
31 · 24 · 21 · 19 ·
30 · 29 · 28 · 27 · 26 · 25 · 20 ·

Code

Skip count on by 2's

How did you get there - Number Sentence

Written as Words

PLUS ONE

TAKE 10

36

PLUS 10

TAKE ONE

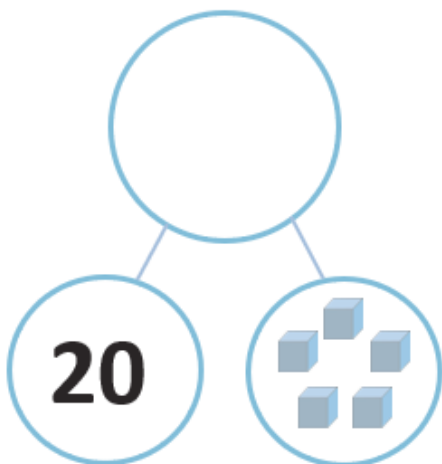# Tens and Ones

Complete the part-part-whole pictures by adding the missing number.
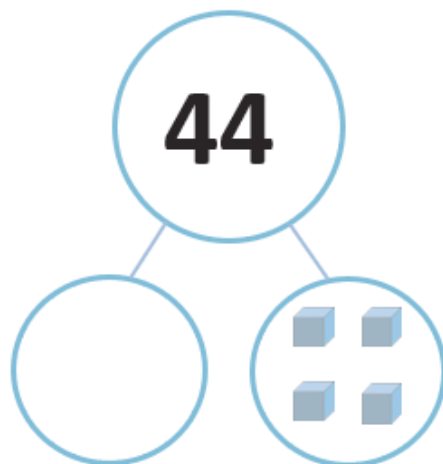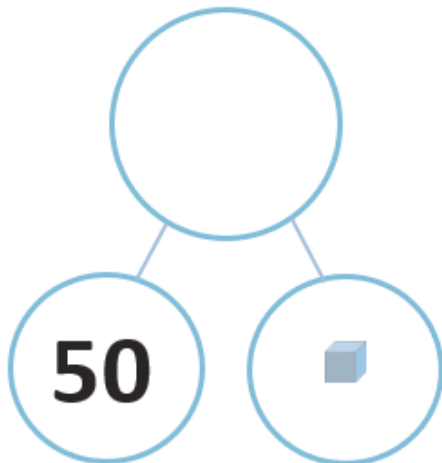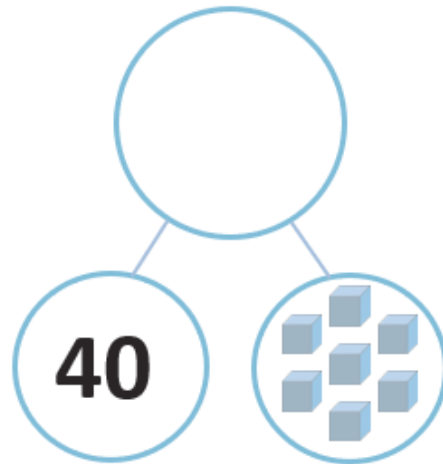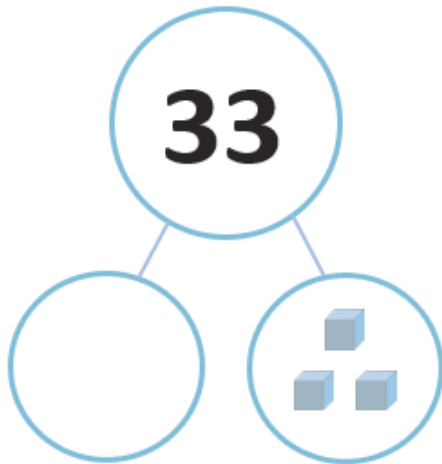
33

40

50

22

20

44

Addition, Counting on to 20

'Lock in' the big number and count on as you point to the pictures.

14 + = [ ]

14 + = [ ]

14 + = [ ]

14 + = [ ]

14 + = [ ]
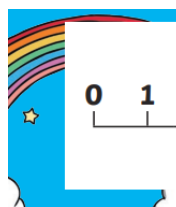
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Counting back from 10

'Lock in' the big number and count backwards as you point to the pictures.

$$10 - 2 = \boxed{}$$

0 1 2 3 4 5 6 7 8 9 10

$$10 - 5 = \boxed{}$$

0 1 2 3 4 5 6 7 8 9 10

$$10 - 6 = \boxed{}$$

0 1 2 3 4 5 6 7 8 9 10
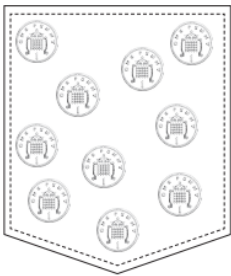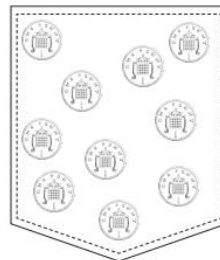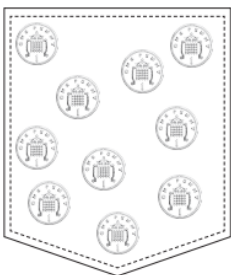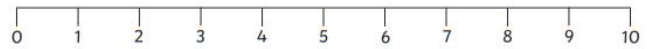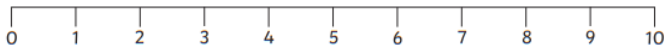
Some of Freddie's washing is blowing away. How much washing does Freddie have left? Count back to find out. Then, draw jumps on the number line.

$$10 - 3 = \boxed{}$$

0 1 2 3 4 5 6 7 8 9 10

$$10 - 4 = \boxed{}$$

0 1 2 3 4 5 6 7 8 9 10

$$10 - 9 = \boxed{}$$

0 1 2 3 4 5 6 7 8 9 10
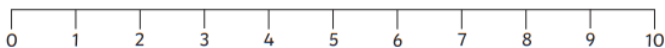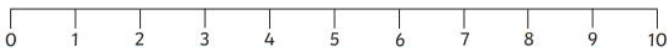
Wednesday

Dot to dot skip count by 2s

Code

Skip count on by 2's

How did you get there - Number Sentence

Written as Words

PLUS ONE

TAKE 10

44

TAKE ONE

PLUS 10

54

THE VERY HUNGRY CATERPILLAR
NUMBER SEQUENCING CATERPILLARS

36

49

43

26

39

23

16

29

33
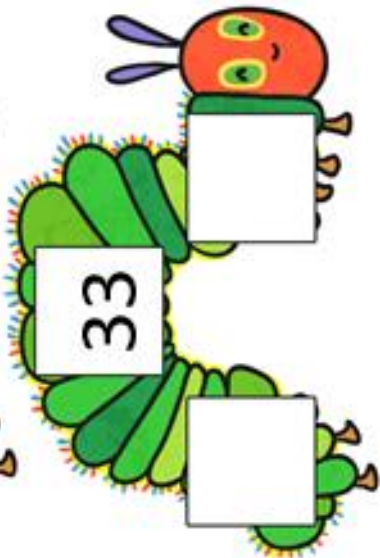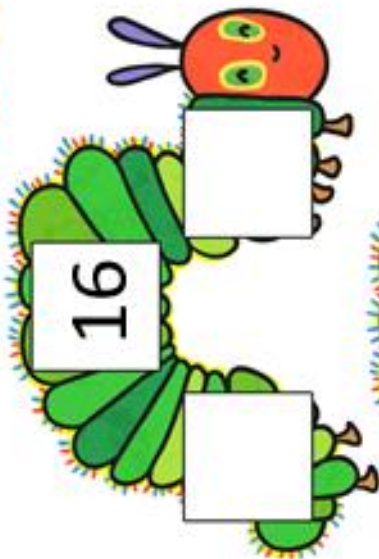
Physical Challenge: Throw scrunched up socks into the laundry basket skip counting by 2 then 5 then 10. Record your best scores. Skip count by 2: _____. Skip count by 5: _____. Skip count by 10 _____.

Tens — Ones
Tens — Ones
Tens — Ones
Tens — Ones

Challenge:
Can you think of your own number and write out the answer?

Help our penguin pals with their place value skills.
Draw and write each number.
Example question:

43

Tens **4** — Ones **3**
Tens — Ones
Tens — Ones
Tens — Ones

Pirate Counting in 2s Dot to Dot

Join the dots to reveal the full picture!
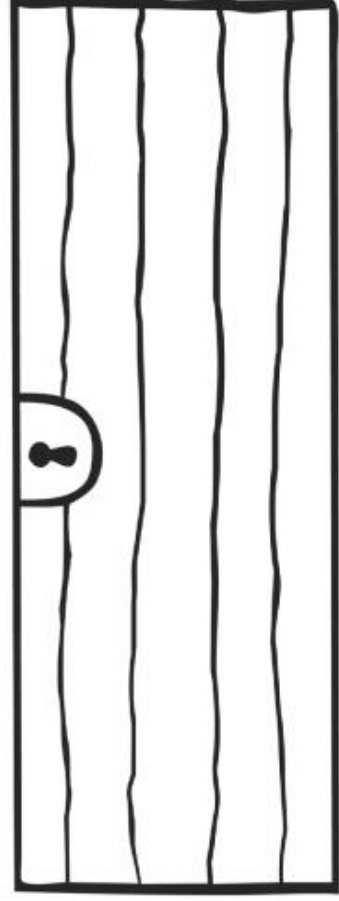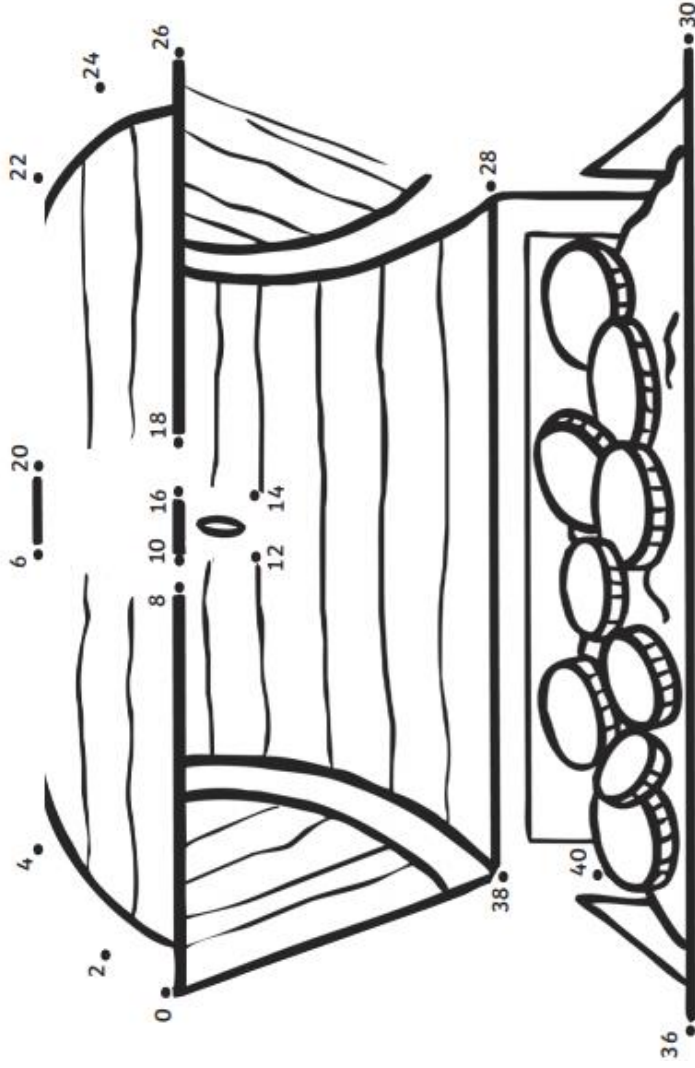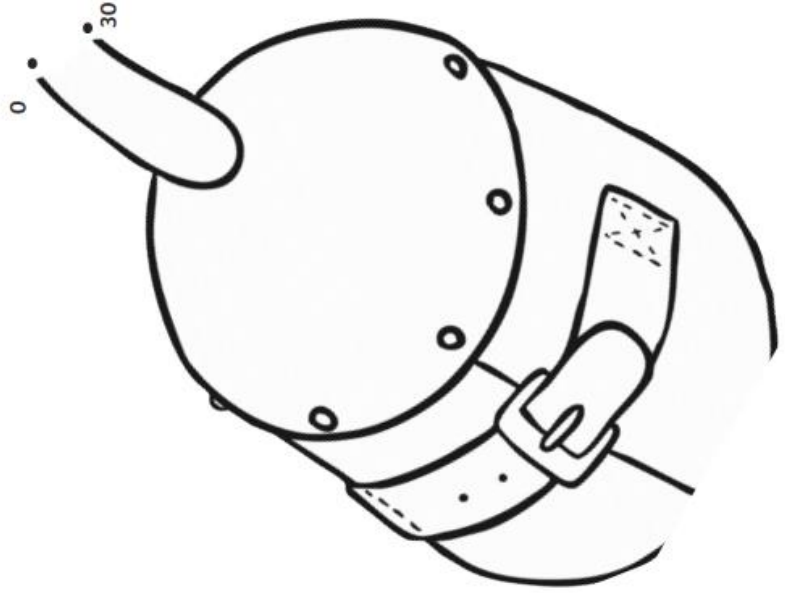
Thursday

Dot to dot skip count by 2s

Physical Challenge: "Friends of 10 Clean Up". Have someone say 2 numbers, if those 2 numbers are friends of 10, race off and put something you have left out back where it goes. Too easy? Do Friends of 20 again or Friend of Any 10.

Code

Skip count on by 2's

PLUS ONE

TAKE 10

24

PLUS 10

TAKE ONE

How did you get there - Number Sentence

Written as Words

Addition, using 10 as a reference

I can add 'Ones' to the 10 to find the total that is less than 20.

WILF Try to recognise the 'teen' number by adding the smaller amount to 10. If you need to Count On to find the total that is OK.

10 + = ( )

10 + = ( )
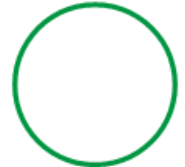
10 + = ( )
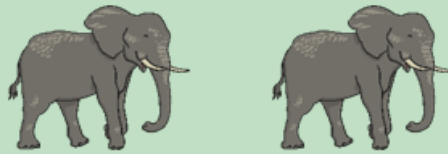
10 + = ( )
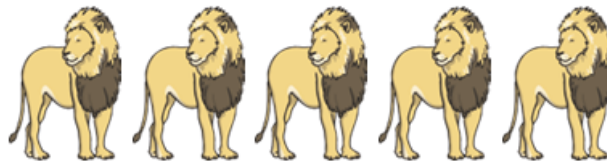
10 + = ( )

10 + = ( )
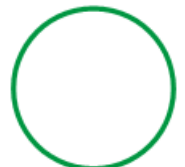
10 + = ( )

10 + = ( )
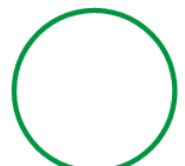
10 + = ( )
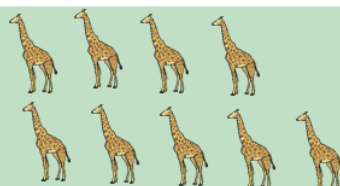
Year 1 Time Sheet

What time is it?

Clock	Digital
(clock showing 12)	10:00
(clock showing 8:30)	08:30
(clock showing 2:00)	02:00
(clock showing 12)	11:30
(clock showing 6)	03:30
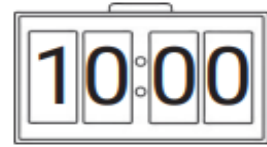
On the clocks below, draw on the hands to show what time you get to school on the left and on the right show what time you finish school.

(two blank clock faces)
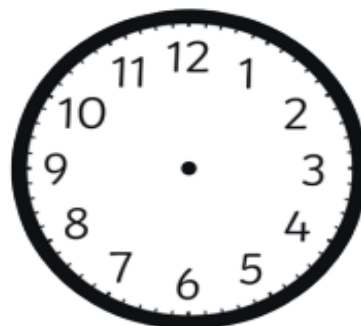
Telling the Time Board Game
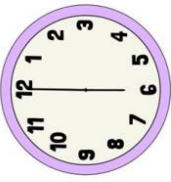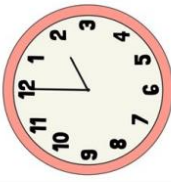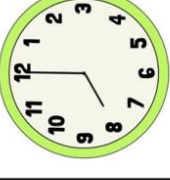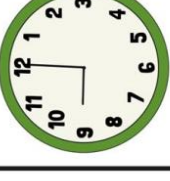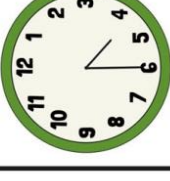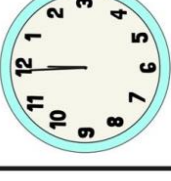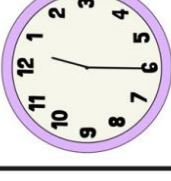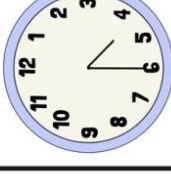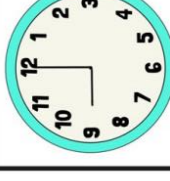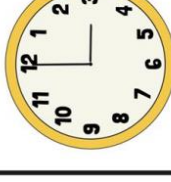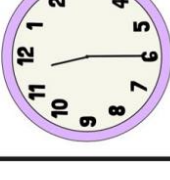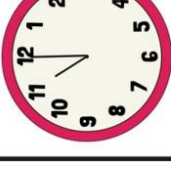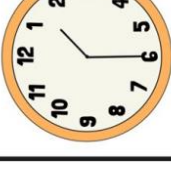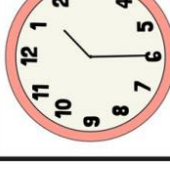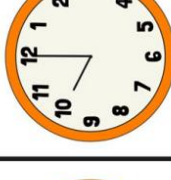
What time is it?

Roll a dice, move the number of spaces shown and read aloud the time shown on the clock. The first player to complete the board wins!

You can play this game with an older person in your house to help you practice!
If you don't have a dice, you can move by 1 square each turn!

If you want an extra challenge, have your partner time how long it takes you to complete this game.

Start

Miss a turn

Miss a turn

Miss a turn

Miss a turn

Miss a turn

End

Friday

More or Less Secret Number.
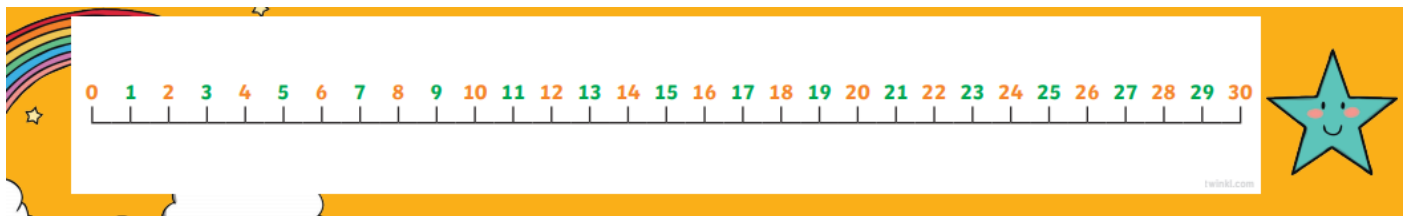
a. Put a finger on 0 and a finger on 30
b. Pick a number from the number line <u>but keep it a secret.</u>
c. Have a friend guess the secret number. You can only answer their guess with 'more' or 'less'.
d. They get 5 guesses to pick your secret number. If they do, they get a point. If they can't guess it, you get a point.

After each game write your secret number:

_____   _____   _____   _____

_____   _____   _____   _____

Code

Skip count on by 2's

How did you get there - Number Sentence

Written as Words

PLUS ONE

TAKE 10

32

PLUS 10

TAKE ONE
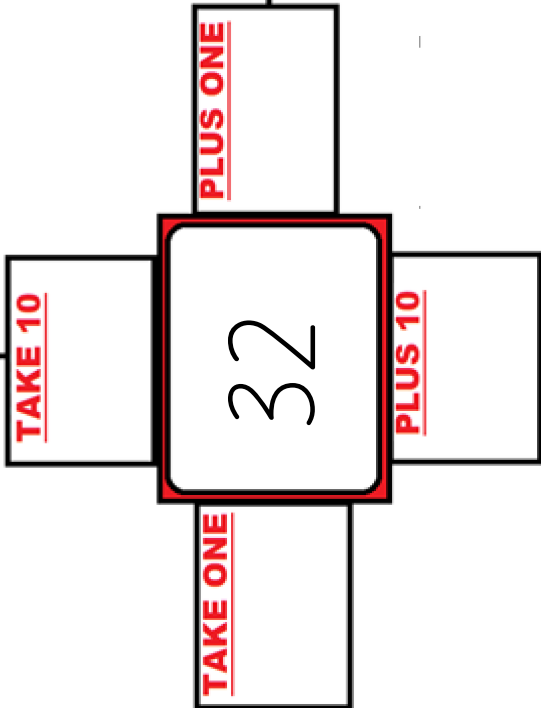
Interpreting Scaled Pictograms

Learning Objective: I can interpret scaled pictograms

Favourite Fruit

	Banana	Grapes	Apples	Pears
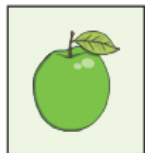
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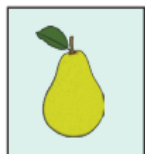
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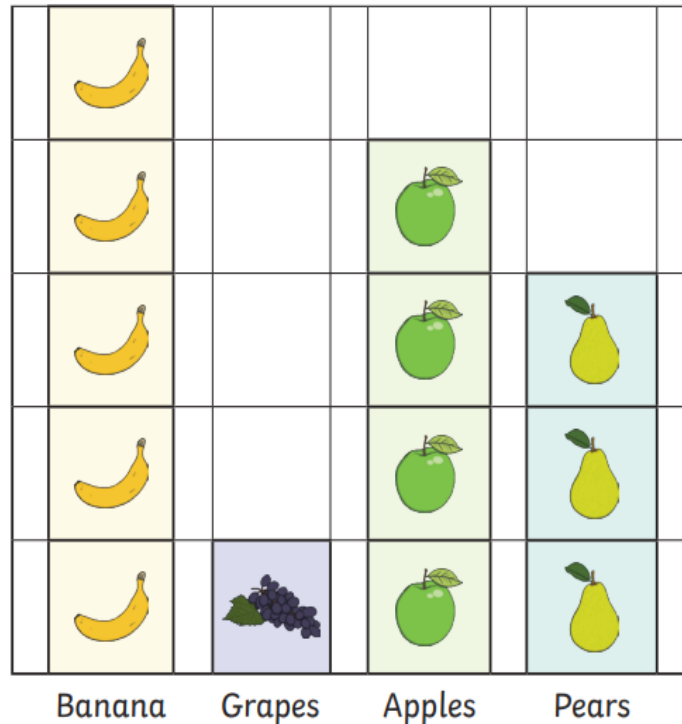
= 1 child

= 1 child

Answer the following questions.

What is the favourite fruit? _____

How many children chose apples as their favourite fruit? _____

How many more children chose bananas than grapes, as their favourite fruit? _____

How many children chose apples or pears as their favourite fruit? _____

Write your own questions for a friend.

_____

_____

_____

PICTURE GRAPHS 3B - AT THE PIE SHOP

A pie shop sells a range of different pies. Here are the sales figures for the number of pies sold for each day in a week.

Each represents 1 pie sold

Monday	🥧	🥧	🥧				
Tuesday	🥧	🥧	🥧	🥧	🥧		
Wednesday	🥧	🥧					
Thursday	🥧	🥧	🥧	🥧			
Friday	🥧	🥧	🥧	🥧	🥧	🥧	
Saturday	🥧	🥧	🥧	🥧	🥧	🥧	🥧

1) How many pies were sold on Thursday? _____

2) Which day were the most pies sold? _____

   How many pies were sold on that day? _____

3) How many more pies were sold on Tuesday than Wednesday? _____

4) There were more pies sold on the last two days than the first four

   days. True or false? _____

5) How many pies were sold in total that week? _____

I can make the number you say.

Physical Challenge: Number Race: Set out your number cards at one end of the room or yard if your allowed outside. Have an adult say any number. You need to race to your card and build that number

Write the numbers you made.

Cut out these cards to then make the numbers.

0	1	2	3	4
5	6	7	8	9
0	1	2	3	4
5	6	7	8	9

Monday	Tuesday	Wednesday	Thursday
1. 7 + 2 = ___	1. 1 + 8 = ___	1. 8 – 4 = ___	1. 8 – 5 = ___
2. 6 – 4 = ___	2. 3 – 1 = ___	2. 6 + 0 = ___	2. 7 + 1 = ___
3. 2 + 9 = ___	3. 4 + 6 = ___	3. 5 + 5 = ___	3. 3 + 4 = ___
4. Write these numbers in order from smallest to largest: 4, 12, 89, 31. ___	4. What is the number in the ones place in 19? ___	4. Write these numbers in order from smallest to largest: 39, 33, 44, 22. ___	4. What is the value of the number in the ones place in 86? ___
5. Complete this counting pattern: 2, 7, 12, 17, ___, ___, ___	5. Complete this counting pattern: 2, 12, 22, 32, ___, ___, ___	5. Complete this counting pattern: 9, 11, 13, 15, ___, ___, ___	5. Complete this counting pattern: 0, 5, 10, 15, ___, ___, ___
6. I bought 5 balls and was given 4 more balls. How many balls do I now have? ___	6. Add 6 and 9 together. ___	6. Subtract 3 from 4: ___	6. If 11 trucks are parked, 5 are orange and the rest are pink, how many are pink? ___
7. In a group of 11 students, 6 would like to play baseball and the rest want to play American football. How many want to play American football? ___	7. Chase had 6 toy racing cars and was given 8 more toy racing cars. How many toy racing cars does Chase now have? ___	7. In a group of 14 students, 5 would like to play cricket and the rest want to play tennis. How many want to play tennis? ___	7. What is the sum of 6 and 2? ___
8. Draw a line to split this shape in half.	8. Colour in half of these triangles.	8. Colour in half of this shape:	8. Draw a line to split this shape in half.
9. What digital time does the clock show? ___	9. At 1 o'clock, the hour hand points to ___.	9. At 4 o'clock, the hour hand points to ___.	9. At 2 o'clock, the hour hand points to ___.
10. Circle the corners on this shape.	10. Circle the corners on this shape.	10. How many corners does this shape have?	10. Circle the corners on this shape.
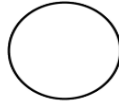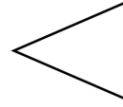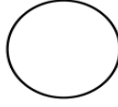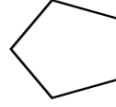
Well done! You have completed all Maths work for this week. The next pages are optional for those who want to keep their brains busy! Have a wonderful weekend and stay safe!

Something Extra!

Hands On or Game options

These are choice activities. You do not need to do these.

Lawn Darts

If you are allowed outside this is a great addition or subtraction game.

-Using clothes pegs, peg the numbers 0-9 on their own peg and place them on the grass.

-0 is the closest, then 1, then 2 and so on. Each number should be 1 step further away from the throwing spot.

-Each player has 3 pegs to throw at the numbers.

-If the peg you throw hits a number, you get that many points.

-Once you have thrown all 3 pegs add the amounts together.

-The first player to get exactly 21 points wins.

(Too easy increase the winning target to 50)

-This can be reversed to subtraction.

-Each player starts at 21 points.

If you hit a number than subtract that from your total.

The first player to get exactly 0 wins.

Carpet Bowls

-The same as 'Lawn Darts' but played inside with rolled up socks.

-The socks need to be rolled underarm at the numbers.

Towers

-Using clothes pegs build a structure that can stand by itself for 3 seconds. Each peg you use is worth 2 points. Who will be the Family Champion?

Sock Bocce

Each player gets 3 or 4 sock balls. There is one "Pallina" this is a special ball that is the target and is placed in a chosen location in the playing area.

The goal is to get your sock balls closest to the "Pallina".

1. Choose a throwing spot where each player throws from.
2. The throw must be underarm (unlike a normal throw your fingers will be pointing down with the back of your hand facing the "Pallina".
3. Scoring – Closest gets 5 points, 2nd closest 3 points, 3rd closest 1 point. (This can be adjusted to suit the family)
4. After each player has thrown all their sock balls, the person whose ball is closest to the "Pallina" gets to relocate it to a new spot.

Winner first player to score over 20 points. (Too easy? Increase the total to suit)

Colour by Number Addition to 10

Solve the calculations to work out what colours to use.

Key

3	pink
4	red
5	brown
6	blue
7	yellow
8	purple
9	orange
10	green

Little Acorns Addition to 10 Colour by Number

Solve the calculations to work out which colours to use.

1 & 2 = green
3 = blue
4 = red
5 = orange

6 = yellow
7 = dark red
8 = dark brown

0 + 3
3 + 0

0 + 3
6 + 2
2 + 5
2 + 4

2 + 1
4 + 3
0 + 4

2 + 0

5 + 2
0 + 3
5 + 2
2 + 3

0 + 8

1 + 0

1 + 1

2 + 1

0 + 5
3 + 3

3 + 2

3 + 0
6 + 1
4 + 2

4 + 0
4 + 1

8 + 0

Make it, Build it Relay.

Carefully cut or tear out the MAB blocks and number cards.

Lay the MAB blocks out at one end of the room/area you are working. Lay the number cards out at the other end. Have an adult say a number. You need to race off and build that amount using the tens and ones MAB blocks. Then race off and show that number on the number cards.

0	1	2	3	4
5	6	7	8	9