HILL WEST
Primary
FOUR OAKS

Home Learning Pack
Year 2
Week Beginning: wb 26.04.2021

Home Learning Links

Oak National Academy
Oak National Academy is an online classroom and resource hub. It provides high-quality video lessons and resources to support teachers, parents and pupils.
www.thenational.academy

BBC Bitesize
With BBC Bitesize it is easy to keep learning at home. You can access regular daily lessons in English, maths and other core subjects.
https://www.bbc.co.uk/bitesize

Phonics English Hubs
Online phonics lessons for the Letters and Sounds phonics programme.
https://www.wandleenglishhub.org.uk/lettersandsounds

World Book Online
World Book online have just made their fabulous collection of over 3,000 e-books and audiobooks available for free for children to access at home. They have books suitable for all ages. Click on the following link to access them.
https://worldbook.kitaboo.com/reader/worldbook/index.html?usertoken=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDExMzA2Mjp1cw%3D%3D

Read Works.org
Read Works offers access to 3000+ comprehension for all age groups. Just sign up for a free account to access fantastic texts.
https://www.readworks.org/

Beanstalk
Beanstalk website is packed with lots of interactive materials for children aged 1 to 6. They are offering free access to all families during the COVID-19 pandemic.
https://beanstalk.co/

Tutortastic
An online platform with tutorials and videos for home learning.
https://www.tutortastic.co.uk/blog/homelearning

Education Quizzes
A series of short quizzes for children to complete related to the National Curriculum subjects. Just select KS1 for Reception, Year 1 & Year 2 and select KS2 for Years 3-6.
https://www.educationquizzes.com/ks1/

Top Marks
A range of activities here but especially good interactive activities for maths.
https://www.topmarks.co.uk/

Classroom Secrets

Classroom Secrets Kids is offering free access to everyone until the end of April 2020. The platform is aimed at primary aged children and covers subjects such as maths, reading, grammar and spelling. The platform is really child-friendly so that they're able to access it on their own. There are a load of games and interactive activities from phonics to SATs
https://kids.classroomsecrets.co.uk/

National Geographic
National Geographic is a great platform for learning and it's totally free. There are online games, resources and competitions, too.
https://www.natgeokids.com/uk/teacher-category/primary-resources/

Reading Eggs

Key Question Week 2: How beautiful is nature?
Key Text for Linked Learning: 'How to create environmental art'
Linked Learning: English, Music, Art, DT
Taking inspiration from nature, children will experiment with, create, select and combine sounds to produce and perform a piece of music, which reflects the sounds heard in our local, natural environment. Following on from last week, in art, children will plan and create a piece of natural art using materials found in the school's ground. They will also evaluate their own and others' work. An exciting week in English begins with the construction of a bird feeder. Children will read and follow instructions to make their own bird feeder. Children will explore the language used in the instructional text, with a key focus on adverbs, time adverbs, and imperative verbs. Following this, they will complete their own set of instructions using the above features.
Maths: This week the children will be finding amounts of money. They will start the week by rehearsing coin and note recognition. They will be finding different ways to pay for an item that cost £1 and will discuss the several different ways to make different amounts. The children will also be adding the value of two prices and will be calculating change from different amounts. Additionally, the children will be solving money problems throughout the week.
Science: The children will think about the conditions for healthy plant growth and plant their own cress seeds. They will then record their growth. Children will explore the scientific question- How long will it take for them to be long enough to eat? Using clay or modroc, the children will create a large burr, with hooks and use junk modeling to create other seeds.
History: This week in history the children will recognise & recall basic and important aspects of Florence Nightingale's life.
Geography: Children will be learning that the UK has a temperate climate and that there are 5 climate zones. They will then be making their own passport and begin to plan their world trip.
Computing: This week the children will continue to recognise how to use technology safely and use keywords in an online search to find out about a topic
Music: see above
Art / Design Technology: see above
PDW / R.E: In PDW, the children will begin to look at what a stereotype is and how these can have both a positive and negative effect on people.
P.E: Children will be learning all about the maypole this week. Children will be learning to skip in and out of the ribbons and will be beginning to rehearse the maypole.
Vocabulary: distaining, servants, wailing, cholera, bewilderment, alternately, scarcely, desolation, neglected, companions

Here is a list of the Year 2 spellings, which the children are expected to learn off by heart by the end of Year 2. They are stuck into the homework books but just in case you need a new copy.

Y2 Half Term 1	Y2 Half Term 2	Y2 Half Term 3	Y2 Half Term 4	Y2 Half Term 5	Y2 Half Term 6
after	again	any	bath	because	beautiful
behind	both	break	busy	child	sugar
class	Christmas	climb	clothes	children	plant
door	cold	even	every	eye	father
find	gold	grass	everybody	money	hour
floor	hold	great	half	most	improve
kind	old	many	move	only	prove
mind	told	pass	should	fast	Mr/ Mrs
poor	water	steak	could	past	parents
sure	whole	wild	would	last	people
more	while	who	good	pretty	path

Monday 26th April

Maths:

Place Value
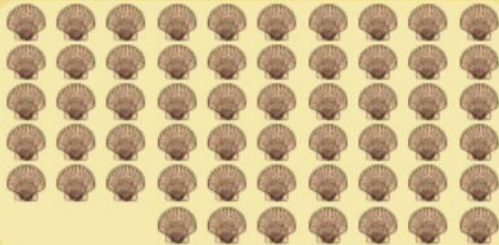
How many shells are there?
Write the answer in words.

Problem Solving

Alana has 20 flags.

She gives Harry ¼ of her flags.

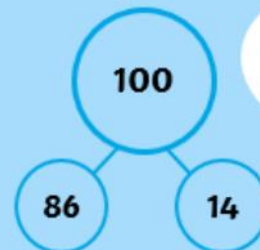How many flags does each child have?

+ and −

Reveal answer

59 + ☐ = 67

× and ÷

Reveal answer

9 × 5 = ☐

Reasoning

100

86   14

Is my part-whole model correct?

Explain why.

Multiples of 2, 3, 5 and 10
Sheet 2

Sort the following numbers into each box.
Watch out though as some numbers could go in more than one box!

20, 28, 45, 18, 30, 36,

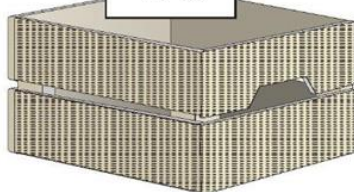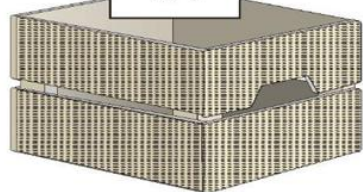21, 40, 12, 44, 33, 15,

60, 38, 27, 39, 70, 46,

55, 50, 24, 64, 90, 42

Multiples of 2
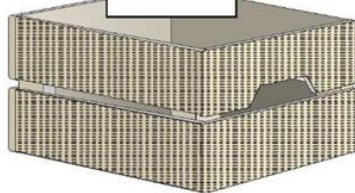
Multiples of 5
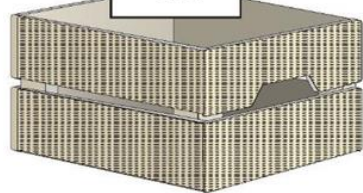
Multiples of 10
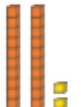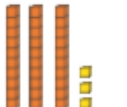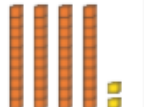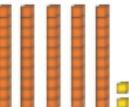
Multiples of 3

Challenge

Find three numbers that will fit into at least three of the boxes.
Can you think of any numbers not on the list that would fit into four of the boxes?

Lilly has made these number sequences counting in 2s, 5s and 10s.

30 + 4	40 + 4	50 + 4	60 + 4
6 tens and 5 ones	6 tens	5 tens and 5 ones	5 tens

She has made one mistake. Can you find it and explain what she has done wrong? What should she have written? Make your own sequences counting forwards and backwards in 2s, 5s and 10s using different representations.

Tennis balls come in packs of different sizes. Orders need to be for all the same size.

I want to buy 15 balls.

Frank

I want to buy 20 balls.

I want to buy 12 balls.

Anita

Jane

Which packs should each person buy?
How many packs will they need?
Is there more than one possibility for any of the players?

A tennis coach has 100 tennis balls. How many of each pack size could he have bought?

English:
Handwriting

January

flo

floating

	Look	Say	Cover	Write	Check	Correction
patting						
patted						
humming						
hummed						
dropping						
dropped						
sadder						
saddest						
runner						
runny						

Bird Feeders

Look after the birds this winter by making bird feeders.

What you need:

- Bird Seed
- Raisins
- Suet or Lard
- Coconut halves or old yoghurt pots.
- String
- Scissors or hand drill
- Mixing bowl
- Camera

What to do:

1. Cut a small hole in the yoghurt pot or coconut shell and thread a length of string through it.
2. Tie a knot to secure it, leaving enough length outside to tie the pot to a tree.
3. Allow the lard to warm up to room temperature and cut it into small pieces.
4. Mix the lard, seed and raisins in the bowl with your hands until the fat holds the mixture together.
5. Fill the yoghurt pots or coconut shells with this mixture and leave to set in the fridge for an hour.
6. Hang the bird feeders from trees or a bird table and watch out for any visiting birds!

List four things that you will need?	Why have they included an image of the bird feeder?	Are the instructions easy to follow? Give two reasons?	What should be left to warm up at room temperature?
Who are the instructions written for? How do you know?	How many instructions are you given?	Why do you need to tie a knot?	Why have they listed a Camera in section 'What you need'?
In which season would you make a bird feeder and why?	What is the fifth step of the instruction?	What happens to the mixture once it is in the pot?	How could the instructions be improved?

Science:

L.O. To carry out an observation.

I can...

- closely observe any changes in the seeds
- use a ruler to measure in mm
- complete a record sheet to record my observations

Last week we planted cress seeds. This week we are going to make careful observations of our seeds and measure their growth, keeping a record of how much the little seeds have grown each day.

Monday 26th April Todays recorded growth Cress measured: _____ mm Number of plants visible _____	**Tuesday 27th April** Todays recorded growth Cress measured: _____ mm Number of plants visible _____
Wednesday 28th April Todays recorded growth Cress measured: _____ mm Number of plants visible _____	**Thursday 29th April** Todays recorded growth Cress measured: _____ mm Number of plants visible _____
Prediction I predict that in 1 weeks time my cress will have grown to _____. I think this because _____ _____ _____ _____ _____	**Diagram of cress growth:**

L.O. To demonstrate an understanding of what plants need to grow.
I can....
- talk about the importance of sunlight to plants
- talk about the importance of water to plants
- talk about the importance of temperature for germinating seeds

Can you grow healthy seeds without soil?

<u>Germination</u>

Germination is the growth of a new plant from a seed.

Sometimes this process happens underneath the soil where we can't see it.

Sometimes seeds are planted without soil making it much easier for us to watch the germination process.

Today we are going to be growing seeds in a bag. This way we will be able to observe the germination process of the seeds, watching them sprout and begin to grow.

<u>How to Grow a beans in a Plastic Bag:</u>
<u>You will need:</u>
1 small clean plastic bag
1 paper towel or kithen roll

<u>Method:</u>

1. Place a moist paper towel in a clear, clean plastic bag. Then place the bean seeds between the bag and the moist towel.

2. Place the plastic bag near a window or on a clothesline outside. The bean seeds must receive sunlight for the germination process to occur.

3. Observe the germination process over several days.

Tuesday 26th April 2021

Maths

27.04.21   Retrieval

Place Value

What is the value of the underlined digit?

7**8**

Problem Solving

How many vertices does a hexagon have?

+ and −   Reveal answer

74 − 7 =

× and ÷   Reveal answer

12 × 2 =

Reasoning

If I count in tens starting from 8, I will say the number 58.

Is Alana correct?

Explain why.

Count in 3s, making links to multiplication; Identify multiples of 3.

123

1 + 2 + 3 = 9, so 123 is a multiple of 3.

412

4 + 1 + 2 = 7, so 412 is not a multiple of 3.

339

3 + 3 + 9 = 15 then 1 + 5 = 6, so 339 is a multiple of 3.

450

4 + 5 + 0 = 9, so 450 is a multiple of 3.

Mixed bags

1. This bag has exactly 13p in it.
   There is a mix of 2p and 5p coins, and no other coins.
   How many coins are in the bag?

   13p

2. This bag has exactly 19p in it, again made from 2p and 5p coins.
   How many coins are in the bag this time?
   Is there another possibility?

   19p

3. On Tri Island, they have a 3p coin! These bags all have a mix of 3p and 5p coins.
   Work out how many coins might be in each bag.

   11p   17p   22p

Counting in 3s
Sheet 1

Fill in the missing numbers.
Each line is counting in 3s.

1. | 12 | 15 | | | | 30 | | | | |

2. | 3 | | | 12 | | | 24 | | 30 | | |

3. | 27 | | 21 | | | | | |

4. | | | | 15 | | | 27 | | | | 42 | | |

5. | 33 | | | 24 | | | | | | | |

Challenge

Can you work out which of the following are multiples of 3 (remember to add the digits up to find the answer)?

219, 264, 302, 372, 392, 431, 447, 528, 630

Problem solving and reasoning questions

Write the missing numbers in each sequence:

24 26 28 ☐ ☐ ☐

10 ☐ ☐ ☐ 30 35

36 33 30 ☐ ☐ ☐

Sam counts in 3s.

He starts at 3.

- Write the first six numbers he says.
- Write the 12th number he says.
- What number does he say before he says 51?

Tariq starts counting in 3s and Amir starts counting in 10s. What is the first number they will both say?

English:

Handwriting

February

or

sorrow

Highlight and identify features of instructions

Bird Feeders

Look after the birds this winter by making bird feeders.

What you need:

- Bird Seed
- Raisins
- Suet or Lard
- Coconut halves or old yoghurt pots.
- String
- Scissors or hand drill
- Mixing bowl
- Camera

What to do:

1. Cut a small hole in the yoghurt pot or coconut shell and thread a length of string through it.
2. Tie a knot to secure it, leaving enough length outside to tie the pot to a tree.
3. Allow the lard to warm up to room temperature and cut it into small pieces.
4. Mix the lard, seed and raisins in the bowl with your hands until the fat holds the mixture together.
5. Fill the yoghurt pots or coconut shells with this mixture and leave to set in the fridge for an hour.
6. Hang the bird feeders from trees or a bird table and watch out for any visiting birds!

Identify the features of instructions

Title	
Time adverbs (chronological order)	
Imperative verbs (bossy)	
What you need section	
Number or bullet points	
Diagram or picture	

Add time adverbs to the following sentences.

1. First, cut a small hole in the yoghurt pot or shell and thread a length of string through it.

2. _____, tie a knot to secure it, leaving enough length outside to tie the pot to the tree.

3. _____, allow the lard to warm up at room temperetaure and cut it into small pieces.

4. _____, mix the lard,seeds and raisins in a bowl with your hands until the fat holds the fixture together.

5. _____, fill the yoghurt pots or coconut shells with the mixture and leave to set in the fridge for one hour

6. _____, hang the bird feeder from trees or a bird table and watch out for any visiting birds.

History

Create a timeline on the life of Florence Nightingale.

Florence Nightingale was born on the 12th of May.

The Crimean War ended.

Florence became a nurse.

Florence made sure the hospitals were clean and saved many lives.

Florence went to Turkey to care for wounded soldiers.

Florence was named 'Lady of the Lamp' as she cared for people through the night with a lamp in her hand.

Florence returned to England a heroine.

Florence Nightingale died on the 13th of August.

Queen Victoria awarded Florence the Royal Red Cross.

The Crimean War broke out.

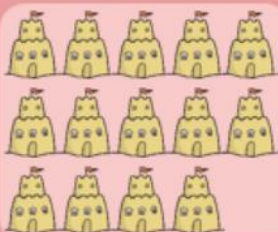# Wednesday 28nd April 2021

Maths:

Place Value

45   46   47   ☐

What number comes next?

Problem Solving

Alison picks two more flowers. How many does she have now? ☐

+ and –

$14 + 3 =$ ☐

Reasoning

"My bucket is more than half full."

Which bucket is Harry's?

What comes next? Halves and quarters
Sheet 2

Fill in the missing numbers.

1. $0 \quad \frac{1}{4} \quad \square \quad \frac{3}{4} \quad \square \quad \square \quad 1\frac{1}{2} \quad \square \quad 2 \quad \square \quad \square \quad \square \quad \square \quad 3\frac{1}{4} \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square$

2. $4 \quad \square \quad 3\frac{1}{2} \quad 3\frac{1}{4} \quad \square \quad 2\frac{3}{4} \quad \square \quad \square \quad 2 \quad \square \quad \square \quad \square \quad \square \quad \frac{3}{4} \quad \square \quad \square \quad \square$

3. $5 \quad 5\frac{1}{4} \quad \square \quad 5\frac{3}{4} \quad \square \quad 6\frac{1}{4} \quad \square \quad \square \quad \square \quad 7\frac{1}{2} \quad \square \quad \square \quad 8\frac{1}{4} \quad \square \quad 8\frac{3}{4} \quad \square \quad \square \quad \square \quad \square \quad \square$

4.

| 7 | | | $6\frac{1}{4}$ | | $5\frac{3}{4}$ | | $5\frac{1}{4}$ | | | | | 4 | | | $3\frac{1}{4}$ | | | | |

Challenge

| 34 | $34\frac{1}{4}$ | | $34\frac{3}{4}$ | | $35\frac{1}{4}$ | | | | $36\frac{1}{2}$ | | | | | $37\frac{3}{4}$ | | | | |

| 29 | | | $28\frac{1}{4}$ | | $27\frac{3}{4}$ | | $27\frac{1}{4}$ | | | | 26 | | | $25\frac{1}{4}$ | | | | |
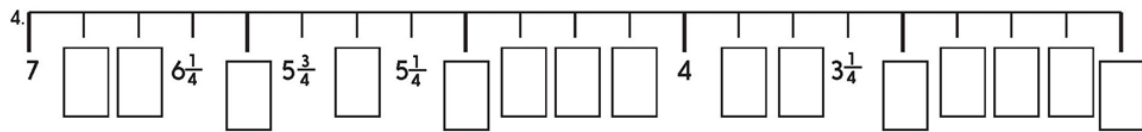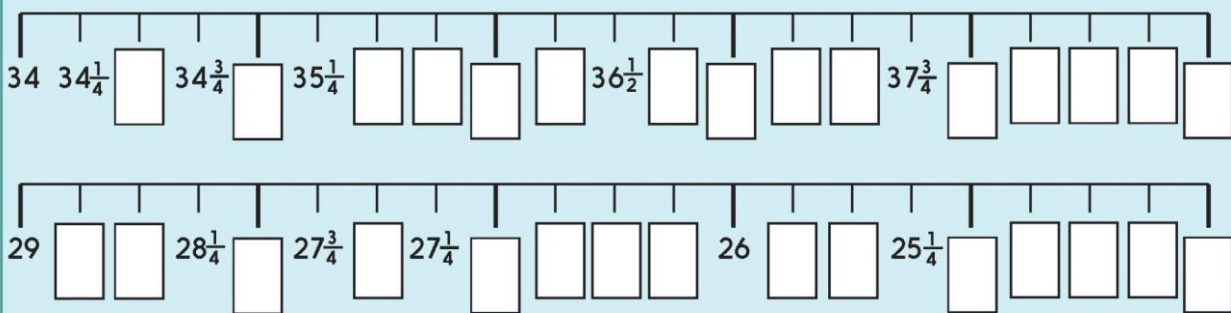
Mastery

Jack and Lily have counted in halves. They have drawn these number lines.

Jack:

0   $\frac{1}{2}$ 1 $1\frac{1}{2}$ 2 $2\frac{1}{2}$ 3 $3\frac{1}{2}$ 4 $4\frac{1}{2}$ 5

Lily:

0   $\frac{1}{2}$ $\frac{2}{2}$ $\frac{3}{2}$ $\frac{4}{2}$ $\frac{5}{2}$ $\frac{6}{2}$ $\frac{7}{2}$ $\frac{8}{2}$ $\frac{9}{2}$ $\frac{10}{2}$
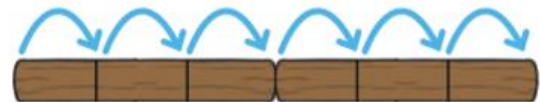
Are they both correct?

How do you know?

What would the next 4 numbers on each number line be?

The frog jumps along the logs one third at a time.

How many thirds does he jump to get to the end?

How many whole logs does he jump along?

Can you make up your own fraction story like this?

English:

Handwriting

March _____

op _____

open _____

_____

_____

L.O. To use imperative verbs within instructions
I Can...
- talk about the impact of imperative verbs
- predict an appropriate missing imperative verb
- use decoding strategies to read instructions independently

What are imperative verbs?

Starter: Imperative verb bingo

Imperative
verbs

Fill your grid with your chosen imperative verbs and let's play!

Can you identify the imperative verbs within these instructions?

Catch	Stop	Stir	Turn	Shut
Pour	Stand	Mix	Cut	Draw

1. _____ the green and blue paint together.

2. _____ at the red light.

3. _____ the light off.

4. _____ by the white line until your name is called.

5. _____ the ball.

6. _____ the mixture.

7. _____ the paper with crinkly scissors.

8. _____ the door.

9. _____ the water into the measuring jug.

10. _____ a straight line with a ruler.

PDW

Science

L.O. To record data in a bar chart.
I can...
- gather the relevant information and organise it into the right place
- use the informaition gathered to answer questions
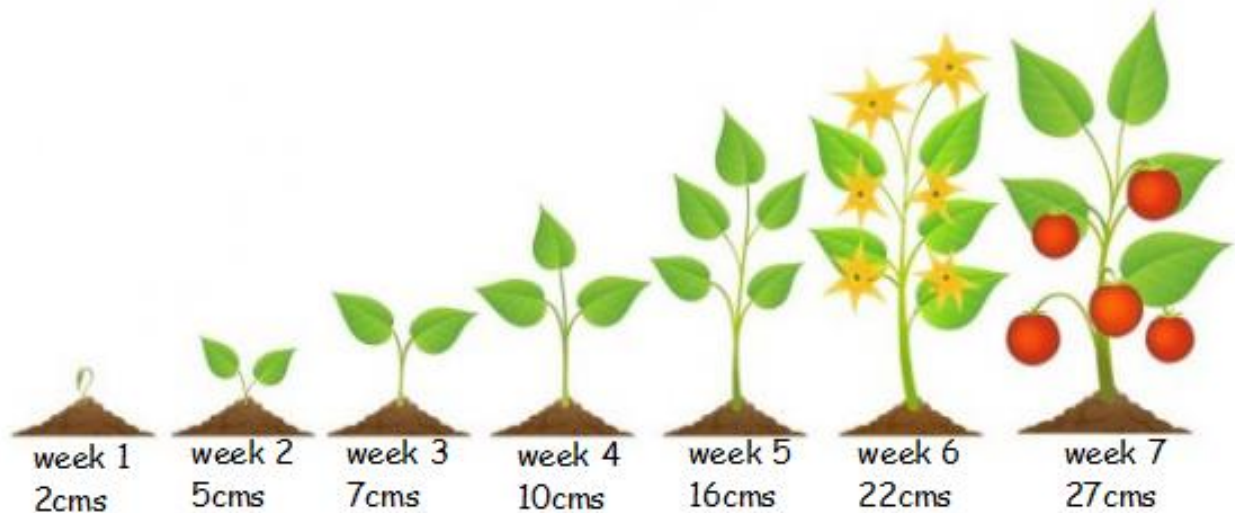- compare the information to answer questions using scientific language

This is the Johnston family.

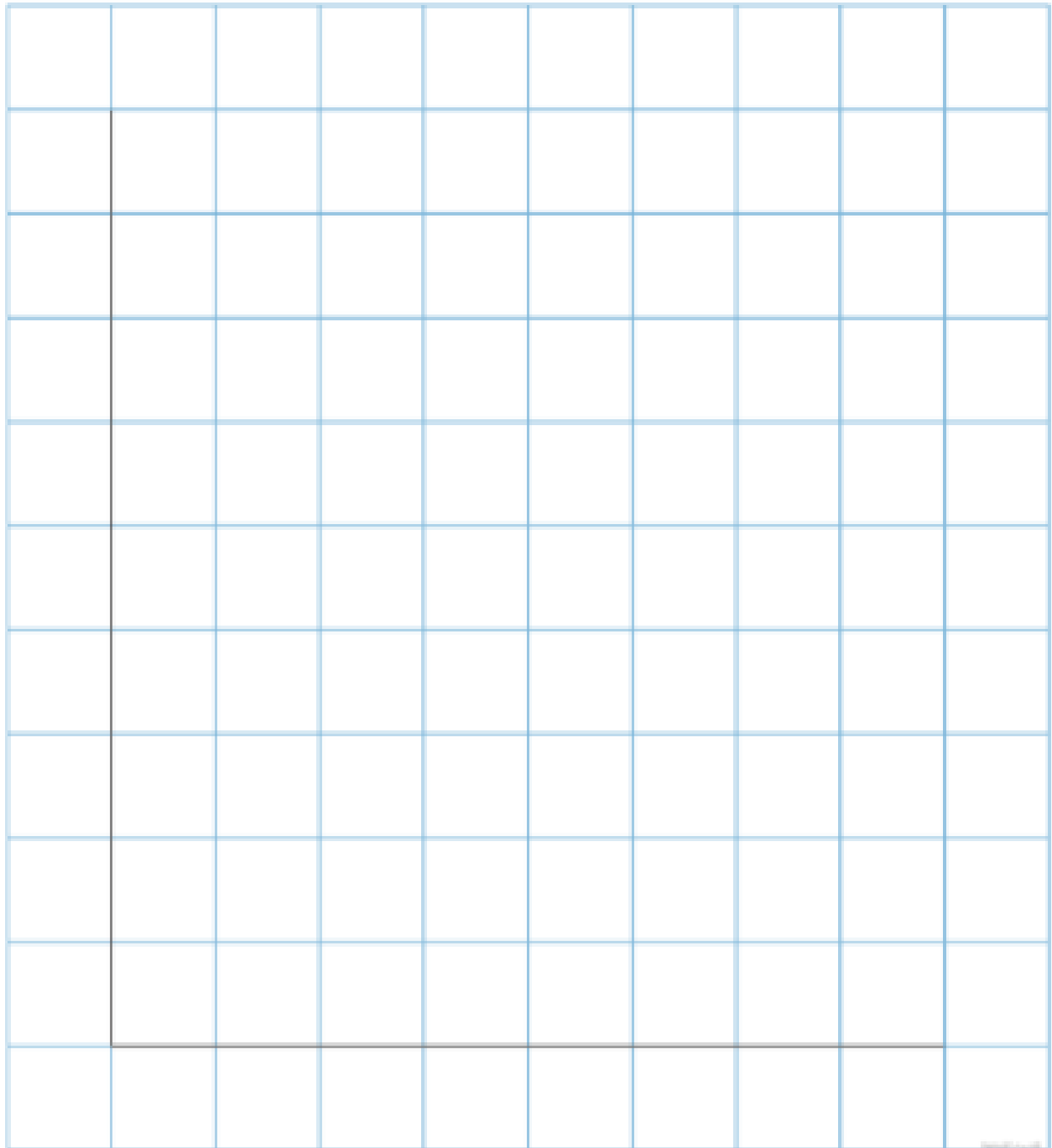They have been working hard in their garden growing tomatoes.

Each family member has been planting seeds, watering and taking great care of their little plants. Now their plants have grown they can enjoy juicy, red tomatoes.

The family took photos each week and measured the height of their plants as they grew.

| week 1 | week 2 | week 3 | week 4 | week 5 | week 6 | week 7 |
| 2cms | 5cms | 7cms | 10cms | 16cms | 22cms | 27cms |

Can you record this data on a bar graph?

A bar graph to show

Each family member decided to compare their tomato plants.
Look at the data below and answer the questions.

Rex
Marco
Lucy
Theo

Rex: 37cms   Marco: 26cms   Theo: 36cms   Lucy: 35cms

1. Whose tomato plant was the tallest?

2. Whose tomato plant was the shortest?

3. What was the difference in height between Rex and Theo's plants?

4. What was the difference in height between Lucy and Marco's plants?

5. How tall were Marco and Rex's plants together?

6. What do you think Rex did to make his plant grow the tallest?
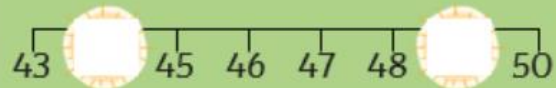
Thursday 29th April 2021

Maths:

29.04.21   Retrieval

Place Value

What is this number in words?

39

Problem Solving

43   45   46   47   48   50

What are the missing numbers on the number line?
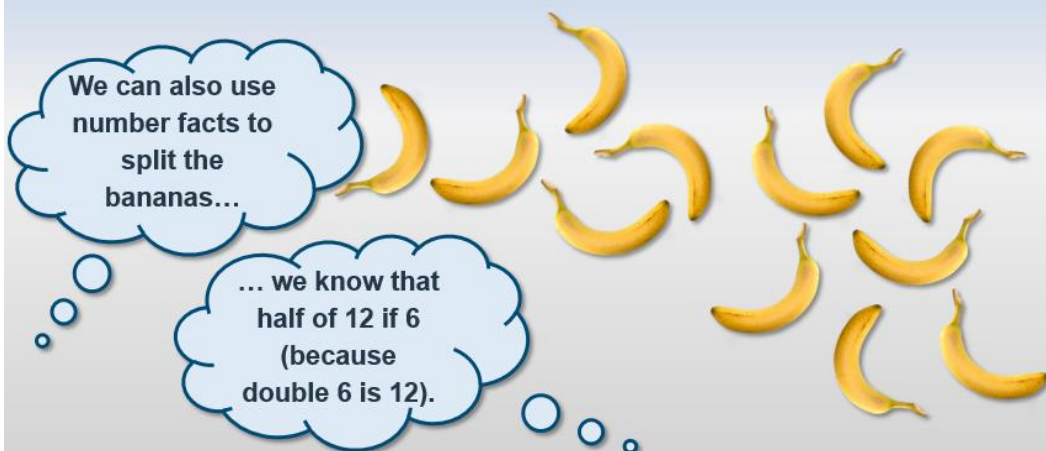
+ and −

10 + 8 =

Reasoning

What number has Harry missed out?

fifteen, fourteen, twelve

Find $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{3}{4}$ of amounts using sharing and number facts.

We can also use number facts to split the bananas…

… we know that half of 12 if 6 (because double 6 is 12).

½ of 12 = 6

How many? Finding fractions of amounts

Can you find these fractions of amounts?

Set A

$\frac{1}{2}$ of 20 $\frac{1}{3}$ of 12 $\frac{1}{4}$ of 24 $\frac{1}{2}$ of 60 $\frac{1}{4}$ of 8 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 15 $\frac{1}{2}$ of 30 $\frac{1}{2}$ of 1

$\frac{1}{4}$ of 4 $\frac{1}{3}$ of 9 $\frac{1}{4}$ of 16

Set B

$\frac{1}{2}$ of 36 $\frac{1}{3}$ of 18 $\frac{3}{4}$ of 24 $\frac{1}{2}$ of 42 $\frac{1}{4}$ of 48 $\frac{3}{4}$ of 16 $\frac{1}{3}$ of 21 $\frac{1}{2}$ of 24 $\frac{1}{2}$ of 22

$\frac{1}{4}$ of 32 $\frac{1}{3}$ of 33 $\frac{3}{4}$ of 44

Set C

$\frac{1}{2}$ of 34 $\frac{1}{3}$ of 15 $\frac{3}{4}$ of 4 $\frac{1}{2}$ of 38 $\frac{1}{4}$ of 10 $\frac{3}{4}$ of 28 $\frac{1}{3}$ of 30 $\frac{1}{2}$ of 26 $\frac{3}{4}$ of 36

$\frac{1}{4}$ of 52 $\frac{1}{3}$ of 39 $\frac{4}{4}$ of 40

Mastery

James is looking at these unit fractions of shapes.

When the denominator gets larger, the fraction gets smaller.

Do you agree?

Explain why, using the shapes.

Rida has hidden some counters in a bag.

$\frac{1}{2}$ of the number of counters is 12.

What is $\frac{1}{3}$ of the number of counters in Rida's bag?

What is $\frac{1}{4}$ of the number of counters in Rida's bag?

English:

<u>Thursday 29th April 2021</u>

<u>Handwriting</u>

 April _____

  wr _____

 wrong _____

 _____

 _____

Wildlife Warriors!

There are many ways that we can encourage wildlife into our gardens and green spaces. We would like to encourage more wildlife into our wonderful green space here at school.

What do you think we can do to encourage the wildlife?

Bird feeders - using recycled materials

We can all be responsible for recycling our waste and you all did a wonderful job creating your own bird feeders made from recycled materials at home.

Let's share our wonderful creations and talk about how we made them!

L.O. To write a set of instructions

I can...
- include capital letters and full stops
- include imperative verbs
- include time adverbs to sequence my writing
- proof read my writing often to check for mistakes

Task: Your challenge today is to create a set of instructions to go with your bird feeder so that somebody else can follow your instructions and make one for themselves.

Remember to include:
- Imperative verbs
- Simple sentences with capital letters and full stops.
- Use time adverbs to sequence your steps in order so that each step is clear.
- Read your writing often to make sure you don't forget anything.

Example by the teacher:

Instructions to make _____Mrs Massey's marvelous_____ bird feeder!

So you'd like to make a bird feeder, then you have come to the right place!

First take your cardboard tube and push a sharp pencil through each side making two small holes.
Secondly thread a piece of string through each hole and secure with a double knot.
Next smother the outside in sticky peanut butter using a knife.
Make sure the entire surface is covered.
Next sprinkle your bird seeds onto a plate and roll your peanut butter tube in the seeds.
Finally hang your bird feeder in a tree and enjoy watching the birds tuck in.