"Oak National Academy is a new collection of high-quality lessons and online resources. Backed by the Government, it has been created in response to the coronavirus lockdown.

Their online classroom offers free access to great teachers, delivering video lessons, quizzes and worksheets. Available for both primary and secondary levels, it covers a range of subjects. All of the lessons are ordered so your child can learn along a clear plan. They'll provide new lessons and resources each week.

Oak National Academy will fit alongside other resources such as BBC Bitesize to offer a structure for the day for children until schools fully reopen.

Oak National Academy was built at speed; at present their resources are for pupils who usually access their schools' curriculum in mainstream education, from reception through to year 10, without significant support or adaptation. They're currently working on providing support for teachers working with pupils with additional needs, and teachers based in specialist settings. Next week they hope to launch materials for pupils not able to access all aspects of their current offer." Information taken from the Oak National Academy website (**https://www.thenational.academy/information-for-parents-pupils/**)

The Oak National Academy lessons can be accessed here: **https://www.thenational.academy/online-classroom**

As you are aware, at Victoria Dock Primary School we provide a home learning pack every week which is created by our class teachers. Although we have these plans already in place, we understand that some families may prefer to work from the materials made available through the Oak National Academy. This is absolutely fine and we are thrilled to see so many children learning at home and taking the opportunity to also do all kinds of things at home which are not usually taught in the classroom.

Feel free to continue to use our home learning grids (like the one below) or the lessons provided by the Oak National Academy. Either way, we would love you to keep in touch and show us the wonderful things you are doing at home, using Seesaw, Classdojo or Twitter.

Stay safe and we look forward to returning to school to see everyone's smiling faces.

Home Learning Grid
Year 3
Week Commencing – 27.04.20
*Please note work can be copied and completed into workbooks without the need to print the worksheets.

	1	2	3	4	5
Phonics/ Spelling	Complete the word maze activity below to find out Which warrior stole the shield. Use to Y3/4 spellings mat to help if you need to.	Practice your handwriting by writing some of the spellings from the yr3 and 4 spelling mat. See sheet for which words to practice.	Complete the word maze activity below to find out which greedy animal stole the apple. Use to Y3/4 spellings mat to help if you need to.	Practice your handwriting by writing some of the spellings from the yr3 and 4 spelling mat. See sheet for which words to practice.	Complete the prefix sheet below or on a sheet of paper.
Reading	- Read and listen to the poem 'Bathroom Fiddler' by Michael Rosen. - Answer comprehension questions about the poem (see sheet).	Learn the poem off by heart. - Practise saying it in front of a mirror using intonation, volume and actions to add expression. - Can you perform the poem in the style of a rap	Complete 'All about Spring' comprehension activity.	Summarising questions based on extract 'Superpowers'.	First News 'Crazy but true.'
Writing	Creative writing – identify with a character. See sheet below.	Creative writing - Complete the sorting out meaning. See sheet below.	Complete Inferencing and imagining plot sheet below.	Complete the sheet below called Retrieve information from a non-fiction text	Complete the summarising sheet on paper or on the sheet.
Maths	Fractions of a set of objects 1 https://whiterosemaths.com/homelearning/year-3/ Click on week 2 lesson 2	Fractions of a set of objects 2 . https://whiterosemaths.com/homelearning/year-3/ Click on week 2 lesson 3 on video.	Fraction of a set of objects 3 https://whiterosemaths.com/homelearning/year-3/ Click on week 2 lesson 4 on video.	Equivalent fractions https://whiterosemaths.com/homelearning/year-3/ Click on week 2 lesson 5 on video.	Summer term lesson 1 – Equivalent fractions https://whiterosemaths.com/homelearning/year-3/ Click on summer term week 1 and lesson 1.

Challenge	Watch this video of music performed using household items: www.youtube.com/watch?v=fOCaNBGMMgE. -What is used to make different sounds? Is there anything you were surprised by? - Hunt round the house for any objects you can use to make music. Experiment with the different sounds they make. - Have a go at making some rhythms and melodies using your household items.	- Look at Vincent van Gogh's painting of his bedroom. What do you notice about the use of colour? Is it realistic? What effect does it have? - Compare van Gogh's 'Bedroom' to paintings of rooms by Faith Ringgold and Lubaina Himid. How are they similar? How are they different? - Have a go at drawing/ painting a room in your house using the style of one of these artists.	Learn the BSL alphabet Make a video signing your name or other words that interest you. You can even find some examples of songs to learn and sign along with online.	Experiment with making music online: http://sampulator.com or www.musiclab.chromeexperiments.com/Experiments	Quiz Design a quiz for your family. You will need to think of a set of question and answers which can be grouped into categories. Perhaps you could include forfeits or bonus questions.

Useful websites for this week:

Michael Rosen poem: https://www.youtube.com/watch?v=ivZVajCGGxA

White Rose: task 1: https://whiterosemaths.com/homelearning/year-3/
Task 2: https://whiterosemaths.com/homelearning/year-3/
Task 3: https://whiterosemaths.com/homelearning/year-3/
Task 4: https://whiterosemaths.com/homelearning/year-3/
Task 5: https://whiterosemaths.com/homelearning/year-3/

Music challenge 1: www.youtube.com/watch?v=fOCaNBGMMgE.

Music challenge 4: http://sampulator.com or www.musiclab.chromeexperiments.com/Experiments

Year 3 and 4 Statutory Spellings

accident	caught	eighth	heard	minute	possible	strange
accidentally	centre	enough	heart	natural	potatoes	strength
actual	century	exercise	height	naughty	pressure	suppose
actually	certain	experience	history	notice	probably	surprise
address	circle	experiment	imagine	occasion	promise	therefore
answer	complete	extreme	increase	occasionally	purpose	though
appear	consider	famous	important	often	quarter	although
arrive	continue	favourite	interest	opposite	question	thought
believe	decide	February	island	ordinary	recent	through
bicycle	describe	forward	knowledge	particular	regular	various
breath	different	forwards	learn	peculiar	reign	weight
breathe	difficult	fruit	length	perhaps	remember	woman
build	disappear	grammar	library	popular	sentence	women
busy	early	group	material	position	separate	
business	earth	guard	medicine	possess	special	
calendar	eight	guide	mention	possession	straight	

Which Warrior Stole the Shield?

Follow the path of correctly spelt words to discover which of these fearsome warriors stole the legendary shield of Morrowvale.

Start					
natural	imajine	notise	acsident	oposite	nachural
imagine	presure	breathe	notice	accident	imagene
pressure	nauty	weight	acident	opposite	adress
naughty	peculiar	decide	breethe	address	beleive
perculier	deside	weihgt	supprise	believe	suprise
forwurd	reighn	centar	calander	surprise	calindar
raign	centre	complete	strange	calendar	strenge
strenth	reign	sentre	compleet	strainge	dissappear
sircle	strength	cirole	different	medicine	forwerd
diffrent	circul	diferent	medisine	forward	disapear
supose	continue	popular	library	disappear	librery
broth	business	busines	continew	populer	sertain
Molten Heart	**Dark Enigma**	**The Dire One**	**Boulder Fist**	**Mammoth Bear**	**Spirit Strike**

Year 3 and 4 Statutory Spellings

accident

accidentally

actual

actually

address

answer

appear

arrive

believe

bicycle

Which Greedy Animal Stole the Apples?

Follow the path of correctly spelt words to discover which of these greedy farmyard creatures stole all of Farmer Graham's apples.

Start					
heart	special	disappear	raign	urly	perpose
speshial	disapear	reign	posible	erly	purpus
potaitos	erth	possible	experiance	quartar	pirpose
earth	grammar	experience	grammer	experament	extreem
potatoes	histry	theirfore	probubly	medisine	extreame
history	waight	dicide	reecent	gide	experimant
weight	height	therefore	decide	recent	quorter
hieght	therfor	deside	bussy	guide	bizy
opposite	consider	natural	biuld	busy	bilde
famous	considar	regular	woman	build	wuman
probably	fameous	naturel	reguler	probly	apear
often	proberbly	favourit	addres	intrest	remembre
Patty Pig	**Carla Cow**	**Derek Duck**	**Hattie Hen**	**Shirley Sheep**	**Hector Horse**

Year 3 and 4 Statutory Spellings

breath

breathe

build

busy

business

calendar

caught

centre

century

certain

Prefixes

A prefix goes at the beginning of a word and changes it s meaning. There are a number of different prefixes.

Task One.
The prefix un-
This prefix is used to make opposites.
Make these words opposites by adding un-

1. happy
2. safe
3. healthy
4. pleasant
5. easy
6. truthful
7. tidy
8. lucky

Task Two.
Using the words you have created in task one, copy and complete these sentences.
1. A person who tells lies is   .
2. A classroom that is not neat is
3. A person that worries a lot is   .
4. Someone who is miserable is   .
5. Something that is not nice to look at is   ..
6. A person who doesn t feel well is

<u>Bathroom Fiddler</u>
<u>By Michael Rosen</u>

I'm the bathroom fiddler, The bathroom twiddler, The foodler and the doodler, The dawdler and the diddler, I dibble and I dabble, I meddle and I muddle, When it's time for me to wash, When I know it's time for bed.

When I go up to the bathroom to get ready for bed I don't get washed straight away I fiddle and I muck. I pick up the toothbrush and I bite the bristles, I get the bristles in my teeth and I pull I pull I heave I have a tug-o-war with the toothbrush I'm winning I'm winning! YEURCHK. My mouths full of bristles.

I get the can of talcum powder I hold it in my hand I drop my hand down fast and out comes a puff of powder but it falls to the floor. HEY! IT'S SNOWING IN HERE.

I make the mixtures in the sink pour in the shampoo and the bubble bath whisk it all up to make the bubbles then I say, "OKAY you bubbles, you're finished." At that, I blow huge puffs of air and the bubbles pop all over the place.

Then I stick my finger down the plughole and scoop out the mucky stuff down there. And then I stand and dream, sucking on the sponge. And then I stand and dream, sucking on the sponge. And dream, sucking on the sponge. Sucking on the sponge. On the sponge. The sponge. Sponge.

Bathroom Fiddler, a poem by Michael Rosen.
Comprehension Questions.
Read or listen to the poem, then answer these questions.

Do you think the person in this poem is a child or an adult? Why?

Why do you think they are messing about in the bathroom?

What does the word 'dawdle' mean?

When we mess about to avoid doing something, it's called 'procrastinating'. Are there any times at home when you procrastinate?

Look up 'talcum powder' images on the Internet. Why might the person in the poem say 'it's snowing'?

Do you think the person in the poem is relaxed or anxious at the end? Which words or phrases make you think that?

All About Spring

Spring is one of the four seasons and is the season that comes after winter and before summer. Spring starts on 20th March and ends on the 21st June. Spring is the season when we change our clocks forward one hour. In spring, the weather is often unpredictable and we have a mixture of sunny and rainy days.

What happens to the animals?

Animals such as hedgehogs, grass snakes, lizards, adders, frogs and toads come out of hibernation on the first warm spring days. Animals also start to reproduce - you might see frogspawn, which looks like jelly, in ponds.

Some animals move about a lot more in spring, such as squirrels. You can see squirrels scampering about, looking for food and climbing trees.

For many birdwatchers, spring is an exciting time of the year. This is because there are lots of migrant birds that come back to the UK in the spring. With the warmer weather, you can see swifts, cuckoos and nightingales.

Did You Know...?

Hibernation isn't just a long sleep. During hibernation, creatures slow down their breathing and heart rates to save energy.

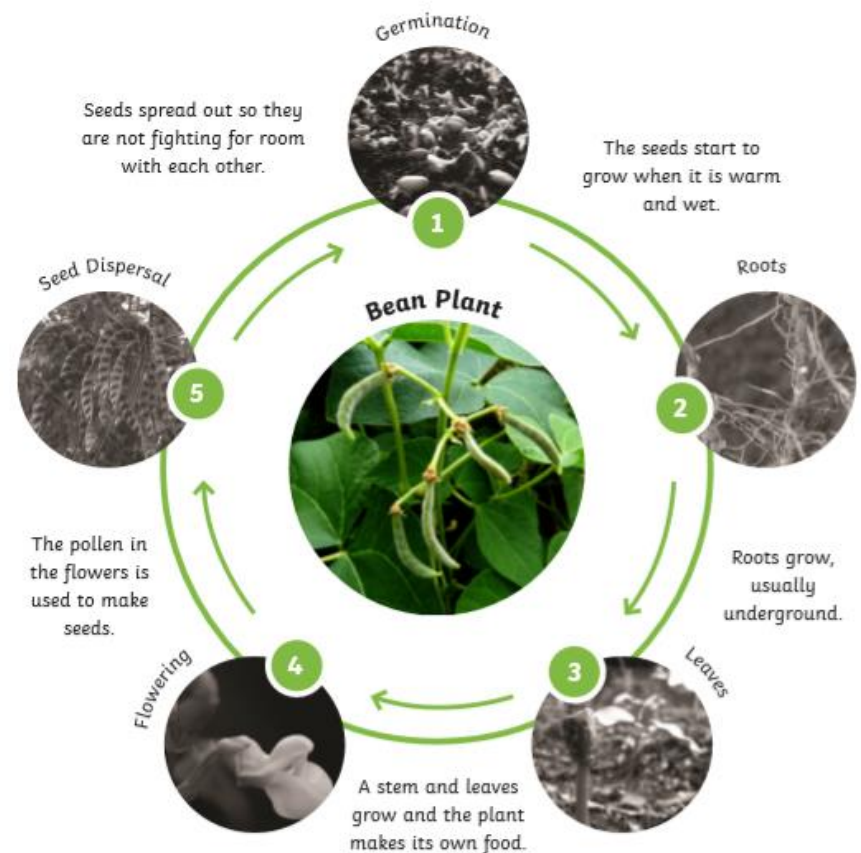Bats can slow their heart rates down from 400 beats per minute, to 11!

What happens to the plants and the insects?

Nature is very busy in spring and there are lots of changes. You can see the trees and bushes sprout new leaves again and many plants flower because the air and soil are warmer and there are more daylight hours.

Many more insects can be spotted in spring, including butterflies and bees, which like the flowers. Insects play a crucial role in pollination (the creation of new seeds) and help plants to reproduce.

The Flowering Plant Life Cycle

Germination

Seeds spread out so they are not fighting for room with each other.

The seeds start to grow when it is warm and wet.

Seed Dispersal

Roots

Bean Plant

1

5

2

The pollen in the flowers is used to make seeds.

Roots grow, usually underground.

Flowering

4

3

Leaves

A stem and leaves grow and the plant makes its own food.

Easter

Easter is a celebration that happens in spring in the northern hemisphere. It started as a religious festival and now many people celebrate it with chocolate eggs, games or an Easter egg hunt. Easter Sunday always falls on a day between 22nd March and 25th April.

Questions

1. Spring is the season that comes between? Tick **one**.

   ○ autumn and winter
   ○ summer and autumn
   ○ winter and summer
   ○ autumn and summer

2. Read the **What happens to the animals?** section.
   Why do you think some birdwatchers find spring exciting? Use evidence from the text in your answer.

   _____

   _____

   _____

3. Name **two** things that animals do during hibernation.

   _____

   _____

4. Which migrating birds can you see in spring? Tick **one**.

   ○ cuckoos
   ○ swifts
   ○ nightingales
   ○ all of the above

5. Read the **What happens to the plants and insects?** section. **Find** and **copy** a word that means **important**.

   _____

6. Number the statements to order the events of a plant life cycle. The first one has been done for you.

	The seeds spread out.
1	The seeds grow when it is warm and wet.
	The plant sprouts roots.
	Pollen in flowers are used to make seeds.
	The plant grows leaves.

7. Easter Sunday falls on a day between 22nd March and...? Tick **one**.

   ○ 25th March
   ○ 22nd April
   ○ 25th April
   ○ 22nd March

8. In your own words, explain why plants and trees grow leaves and flowers in spring.

   _____

   _____

   _____

Chapter 1
Superpowers

"If you could have a superpower, what would it be?"

Dressed up in a brightly-coloured costume with a blue cape, Miss Higgins was posing the question to both her class and Mr Jay's as both groups of children crowded into one hot classroom together at the end of another lesson working on their 'superheroes' topic. It was a topic that had sparked great enthusiasm so far, from children and teachers alike. Mr Jay was sporting a navy cape over a teal all-in-one suit with a gadget belt, a mask and long yellow boots.

"I would definitely choose to fly!" suggested someone.

"I want to freeze time!" said another.

"I'd be invisible so I could spy on people or scare them!" laughed Benji.

"Interesting ideas," Mr Jay smiled. "Although I'm not sure that's such a kind choice, Benji. Perhaps you might think of what good your powers could be used for instead of spying and scaring people."

Benji still thought being invisible would be a rather funny power to have. Carefully and quietly, he reached his hand around the back of Freya and tapped her left shoulder. Instinctively, her head snapped to the left, and when she found no one there she looked back to her right to see Benji giggling.

"If I were invisible, I could do that all day and you'd have no idea who it was, even if I was standing right in front of you," he whispered.

"You can be so annoying sometimes! I'd know it was you even if I couldn't see you!" Freya retorted with a half-smile.

She was right. Benji had a mischievous streak that occasionally bordered on irritating, but the pair were good friends and always knew how to make each other laugh. They had been friends since they were toddlers, as they had always lived on the same street, often having adventures that were mainly concocted by Benji. Now, they hung around together at school even though they were in separate classes. Luckily, the two classes often paired up for topic lessons, and Benji liked to use this time to act daft with his friend.

twinkl.com

Read the extract from Our Teachers Are Superheroes and answer the questions.

What is the main message in the first two paragraphs? Tick **one**.

☐ That children like superheroes.
☐ That Mr Jay had great enthusiasm.
☐ That the teachers were dressed up as superheroes.
☐ That the children were gathered at school.

This chapter is called **Superpowers**.
Based on what you have read so far, write a new title for the chapter.

Sum up Benji's preferred superpower in fewer than ten words.

Number the following events 1-5 to show the order in which they appear in the text. The first one has been done for you.

My Jay said that they had some interesting ideas.

Benji tapped Freya on the shoulder.

Someone said that they would like to be able to fly. | 1

Freya and Benji live on the same street.

Freya called Benji annoying.

CRAZY BUT TRUE

KEEPING YOUR DISTANCE

A father and son from America have invented a funny way to make sure people are keeping two metres apart from each other!

They call it the Social Distancing Circle. The pair linked together pipes to make the circle, then covered it with a tarpaulin. A video of them wearing the contraption and taking a wander in the park has been viewed millions of times.

"There were a few confused people," admitted the son. His dad added: "Some of them thought we were flying a big kite, others thought it was a trampoline."

impatman/TikTok

Jamin2g/Twitter

SELF-ISOLATE!

Fans of *Doctor Who* will be familiar with the terrifying Daleks and their famous catchphrase, "EXTERMINATE!"

Now they're taking to the streets of Whitby! A Dalek was spotted patrolling the local area, warning: "All humans must self-isolate by order of the Daleks!"

The dustbin-shaped robots first appeared on TV way back in 1963. Many people still remember being scared of them when they were little.

HAIR-LARIOUS HAIRDOS

A hairdresser in America has found a funny way to practise her skills during the lockdown.

While Geoff Clark works from home on his computer, his girlfriend Heidi styles his long hair – and shares the pictures! As you can see, she often chooses to make him look like a famous character, including Princess Leia from *Star Wars* and Poppy from *Trolls*. Heidi said that Geoff "has a heart of gold for letting me do this and post it"!

All pics: heidicooleyhair/Facebook

Questions on: 'Crazy but True'

1) What links all these 'Crazy but True' stories?

Look at the story 'Keeping your distance!'

2) Why have a father and son made a big plastic circle?

3) What is a 'contraption'?

- [ ] A mechanical or electrical gadget
- [ ] A machine or device that looks quite strange
- [ ] A cutting-edge invention

4) What was the 'Social Distancing Circle' mistaken for?

1: ....   2: ....

Look at the story 'Hair-larious hairdos'.

5) Can you explain the **pun** (play on words) in the headline?

Look at the story 'SELF-ISOLATE!'

6) What do you find out about the Daleks?

TV programme: ....
Shape: ....
Favourite saying: ....
Type of character: ....

7) What is this Dalek saying as it moves around the streets of Whitby? Why do you think someone has made this Dalek?

Consider all the news.

8) True or false?

	TRUE	FALSE
All the stories are from America.		
All the stories contain quotes.		
All the stories are about pictures or videos shared on the internet.		
All the stories include characters from TV or film.		
All the stories hope to make you smile.		

Identify with a character

What can you hear?
What can you see?
How do you feel?
Who is in the crowd?
What can you feel beneath your feet?
What are you thinking?

LA: Write 3 sentences about what the athlete must be feeling.

You are at the starting block.
You are getting into position.
You are looking at the finish line ahead.

Sorting out the Meaning of Words

These are all words and phrases for happy...

merry   jolly   thrilled

   untroubled   pleased

overjoyed   over the moon   delighted

1) Sort the words above out into groups of words that you think mean really happy compared to the words that mean just a little bit happy...

_____

Really happy   Happy words   Slightly happy
words   words

Tip: It's a bit like a number line, but for words!

2) In a thesaurus, look for words for 'sad'. Then sort them on a word line like above.

HA challenge: Add more words to the 'happy' word line, using a thesaurus.

Inference/Imagining a plot

This is the first scene in a film.
What kind of film do you think it is? Why?

HA Challenge: Use a thesaurus to find adjectives (describing words) that you could use to describe this photograph.

Retrieving Information from a Non-fiction Text

Honey Bees

Honey Bees are one of the 20,000 species (types) of bees. They make and look after honey. In Britain, the number of Honey Bees has been getting smaller with every year. Scientists think there are less and less bees because of strange weather and changes in farm plants. In winter, honey bees stop flying when the temperature reaches below 10°C. During this time the bees return to their hive and shiver together which keeps the temperature in the hive warm. When a group of bees lives together it is called a **colony**. The bees protect the colony by using a sting if they notice danger. They sting the enemy and can detach the sting from their bodies, flying away safely. The honey bee then eventually dies once it has lost its sting.

Instructions:
Read this text twice.
Then (without reading it again) write everything you now know about Honey Bees.

HA Challenge:
Think of 3 sub headings you could use to split up parts of this text.

SUMMARISING

This means when you say what something is about.

Instructions

Summarise the character in no more than 10 words.

E.g. Goldilocks: a little girl looking for food and shelter. (8 words).

Can you do the same with the following characters?

- Little Red Riding Hood

- Cinderella

- Wayne Rooney

- The Queen

- Incredible Hulk

HA Challenge: Think of a famous person you know and write a summary about them.

Fractions of a set of objects (1)

1 Here are some counters.

a) Circle $\frac{1}{4}$ of the counters.

b) How many counters did you circle? ☐

c) What is $\frac{1}{4}$ of 12? ☐

2 Draw counters in the bar models to help you complete each number sentence. The first one has been done for you.

a) $\frac{1}{2}$ of 8 = 4

b) $\frac{1}{2}$ of 16 = ☐

c) $\frac{1}{4}$ of 8 = ☐

d) $\frac{1}{4}$ of 16 = ☐

3
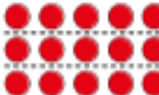
To find a half I need to divide by 2

Do you agree with Dexter? _____

Talk about it with a partner.

4 Complete the table.

Fraction	Division	Example	Drawing
one half	divide by 2	$\frac{1}{2}$ of 6 = 3	
one quarter		$\frac{1}{4}$ of 8 = 2	

5 Huan uses a bar model and base 10 to find $\frac{1}{3}$ of 36
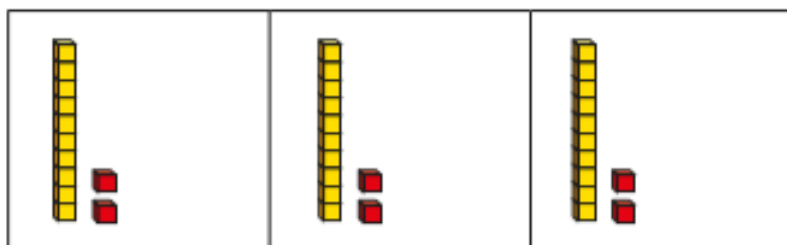
Use Huan's method to complete the calculations.

a) $\frac{1}{3}$ of 63 = ☐

c) $\frac{1}{4}$ of 92 = ☐

b) $\frac{1}{4}$ of 48 = ☐

6 Nijah uses a bar model and place value counters to find $\frac{1}{3}$ of 36

Use Nijah's method to complete the calculations.

a) $\frac{1}{3}$ of 96 = ☐

c) $\frac{1}{4}$ of 52 = ☐

b) $\frac{1}{5}$ of 60 = ☐

7 Which amount is greater? Tick your answer.

| $\frac{1}{3}$ of £75 | or | $\frac{1}{5}$ of £75 |

Show your workings.

8 Complete the number sentences.

a) $\frac{1}{2}$ of ☐ = 30

c) $\frac{1}{5}$ of ☐ = 50

b) $\frac{1}{4}$ of ☐ = 20

9 Rosie, Amir and Alex each find a fraction of 24 using counters.

Rosie: I have $\frac{1}{6}$ of 24

Amir: I have $\frac{1}{3}$ of 24

Alex: I have 6 counters.
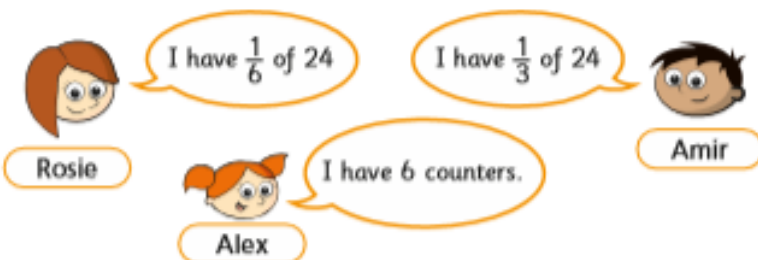
a) Order the children from least counters to most counters.

_____ _____ _____

least counters   most counters

b) What fraction of the counters does Alex have? ☐

c) Rosie and Amir put their counters together.

Write their total number of counters as a fraction of 24 ☐

Fractions of a set of objects (2)

White Rose Maths

1 Draw counters in the bar models to help you complete each number sentence.

a) $\frac{2}{3}$ of 15 = ☐

b) $\frac{3}{4}$ of 8 = ☐

c) $\frac{2}{5}$ of 20 = ☐

2 Match the questions and answers.

$\frac{2}{3}$ of 9 = ?   9

$\frac{3}{5}$ of 15 = ?   6

$\frac{5}{6}$ of 12 = ?   15

$\frac{3}{4}$ of 20 = ?   10

3 What is $\frac{6}{6}$ of 18?   ☐

How do you know?

4 Brett uses a bar model and base 10 to find $\frac{2}{3}$ of 36
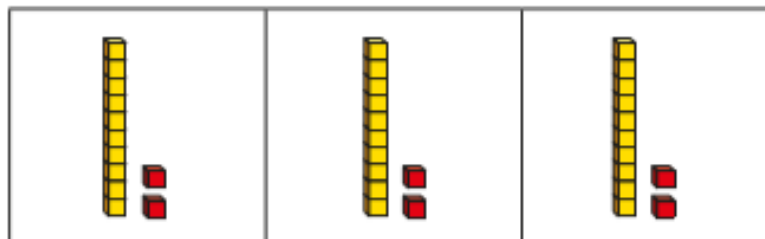
Use Brett's method to complete the number sentences.

a) $\frac{2}{3}$ of 63 = ☐

b) $\frac{3}{4}$ of 48 = ☐

c) $\frac{3}{4}$ of 92 = ☐

5 Kim uses a bar model and place value counters to find $\frac{2}{3}$ of 36

Use Kim's method to complete the number sentences.

a) $\frac{2}{3}$ of 96 = ☐

b) $\frac{3}{5}$ of 60 = ☐

c) $\frac{3}{4}$ of 52 = ☐

6 Complete the number sentences.

a) $\frac{2}{3}$ of ☐ = 30

b) $\frac{3}{4}$ of ☐ = 30

c) $\frac{5}{6}$ of ☐ = 30

7

Tommy: To find $\frac{3}{4}$ of 12, you divide by 4 and then multiply the answer by 3

Dexter: To find $\frac{3}{4}$ of 12, you divide by 3 and then multiply the answer by 4

Who is correct? _____

How do you know? Show your working.

8 Dora, Whitney and Ron each find a fraction of 24 using counters.

Dora: I have $\frac{5}{6}$ of 24

Whitney: I have $\frac{2}{3}$ of 24

Ron: I have 18 counters.

a) Who has the most counters? Show your workings.

_____

b) How many more counters does Dora have than Whitney?

☐

9 Write fractions to make the statements correct.

☐ of 36 < 18

☐ of 36 = 18

☐ of 36 > 18

How many different answers can you find for each? Compare with a partner.

Fractions of a set of objects (3)

1 In a class of 32 children, three eighths are girls.

How many children are boys?

☐

2 Alex is taking part in a 10 km race.

10 km

$\frac{2}{5}$
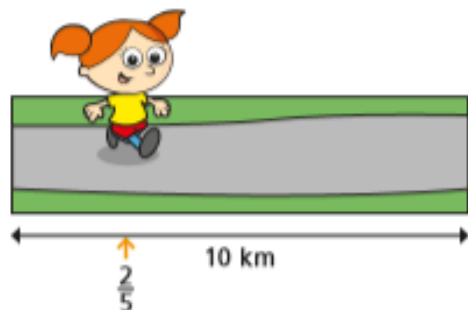
She has run two fifths of the race.

What distance does she have left to run? ☐ km

3 Filip has £3 and 20p.

He spends half of his money.

How much does he have left? £ ☐ and ☐ p

4 Teddy opens a bag of cherries and puts $\frac{1}{2}$ on a plate.
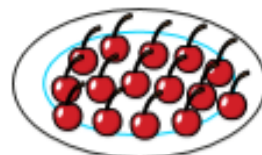
How many cherries were there in the whole bag?

☐

5 Ron has £4 and 50p.

He decides to share the money equally between himself and his two sisters.

How much money will each child get?

£ ☐ and ☐ p

6 A bag of potatoes weighs 500 g.

Annie's dad uses one quarter of the potatoes to make a shepherd's pie.

What is the mass of the potatoes left in the bag?

☐ g

7 Dexter spends one third of his money.

He has these coins left.

How much did Dexter spend?

£ ☐ and ☐ p

8 Eva has a bag of 20 sweets.

She eats $\frac{1}{4}$ of the sweets.

She gives $\frac{1}{5}$ of the sweets that are left to Dora and 2 sweets to her mum.

How many sweets does Eva have left? ☐

9 Whitney has a box of raisins.

She eats $\frac{1}{4}$ of the raisins and gives 3 to her brother.

She has 9 raisins left.

How many raisins were in the box at the start? ☐

10 Here is a rectangle.

The perimeter of the rectangle is less than 30 cm.

Side a is one half of the length of side b.
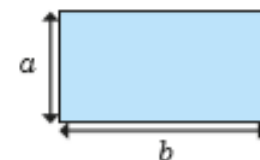
a) Complete the table to show the different possible integer lengths of side a and side b.

Length of side a	Length of side b	Perimeter
1 cm	2 cm	6 cm

b) What are the longest possible integer lengths of side a and b?

side a _____

side b _____

c)

I think a can be 5 cm.

Talk to a partner about why Dexter is wrong.

Equivalent fractions (1)

1 Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.

What do you notice?

2 Complete the equivalent fractions.

a)

$\frac{1}{2} = \frac{\square}{8}$

b)

$\frac{1}{4} = \frac{2}{\square}$

c)

$\frac{3}{4} = \frac{6}{\square}$

3 Shade the bar models to represent the equivalent fractions.

a)

$\frac{1}{3} = \frac{2}{6}$

b)

$\frac{2}{3} = \frac{4}{6}$

c)

$\frac{1}{3} = \frac{3}{9}$

d)

$\frac{2}{3} = \frac{6}{9}$
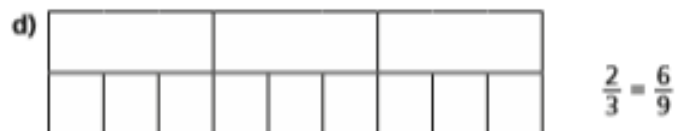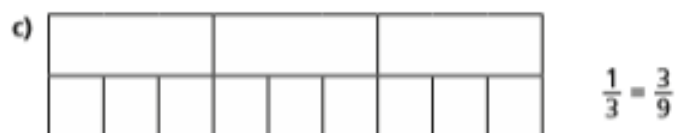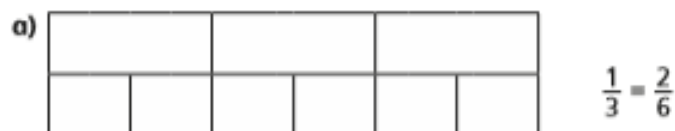
Can you find any more equivalent fractions using the bar models?

4 Match each bar model to its equivalent fraction.

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{4}$
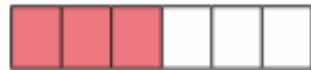
$\frac{1}{8}$

5 Shade the bar models to complete the equivalent fractions.

a)

$$\frac{1}{2} = \frac{\square}{12}$$

b)

$$\frac{1}{3} = \frac{\square}{12}$$

c)

$$\frac{1}{6} = \frac{\square}{12}$$

6 The bar models represent fractions.
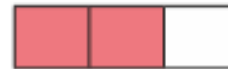
A
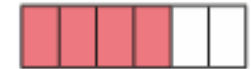
C
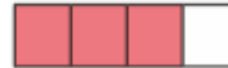
B

D

Which is the odd one out? _____

Why do you think this?

7 This bar model represents $\frac{3}{4}$
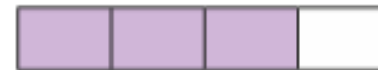
Tick the bar models that can be used to show a fraction that is equivalent to $\frac{3}{4}$

Shade the bar models to support your answers.

☐

☐

☐

Talk to a partner about your answers.

Equivalent fractions (2)

1 Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.

c) Shade $\frac{3}{6}$ of the bar model.

d) What do you notice?

e) Write another fraction that is equivalent to $\frac{1}{2}$

2 Shade $\frac{2}{3}$ of each bar model.

a)
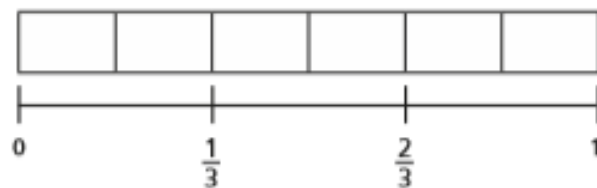
b)
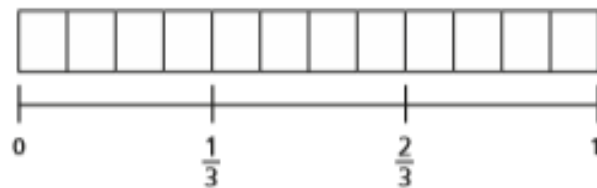
c)
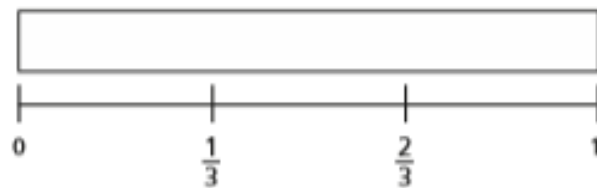
d) Use your answers to parts a), b) and c) to complete the equivalent fractions.

$$\frac{2}{3} = \frac{\square}{6} = \frac{8}{\square} = \frac{\square}{15}$$

3 Mo is finding equivalent fractions.

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

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

$\frac{6}{8}$ is equivalent to $\frac{4}{5}$
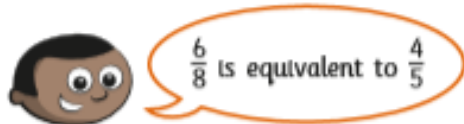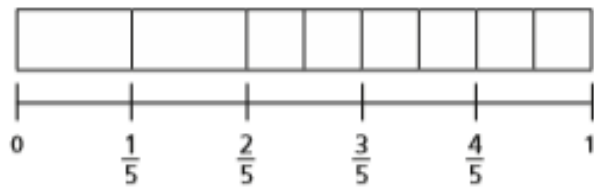
Do you agree with Mo? _____

Explain your answer.

4 Find the missing numbers.

a)

$\frac{2}{14}$ $\frac{4}{14}$ $\frac{\square}{14}$ $\frac{8}{14}$ $\square$ $\square$ $\frac{14}{14}$

0

0   $\frac{1}{7}$ $\square$ $\frac{3}{7}$ $\frac{4}{7}$ $\square$ $\square$ $\square$

b)

$\frac{\square}{15}$ $\frac{9}{\square}$ $\frac{\square}{15}$ $\square$

0

0   $\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{5}{5}$ $\frac{6}{5}$
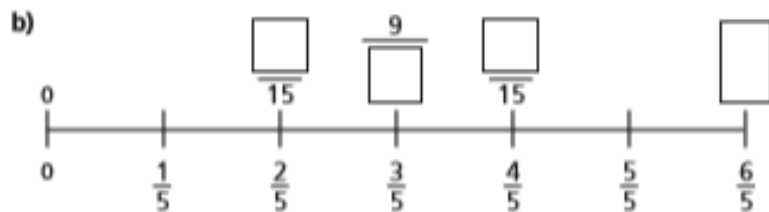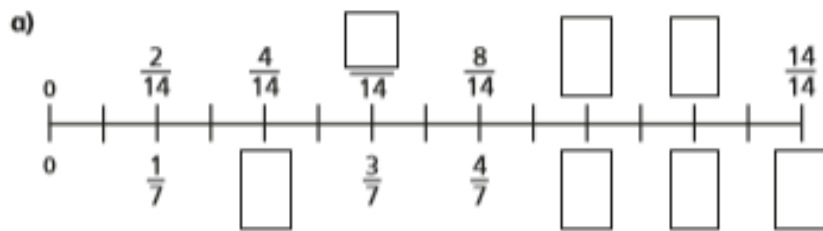
5 Here is a number line.

0   1

a) What fraction is each shape pointing to?

△ = $\square$ ■ = $\square$

b) A circle is halfway between the triangle and the square.

Draw the circle on the number line.

c)

The circle is pointing to $\frac{9}{21}$
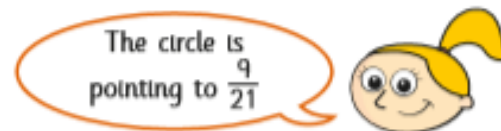
Do you agree with Eva? _____

Show how you worked this out.

d) Write three equivalent fractions for each shape.

△ $\square$ $\square$ $\square$ ● $\square$ $\square$ $\square$

■ $\square$ $\square$ $\square$
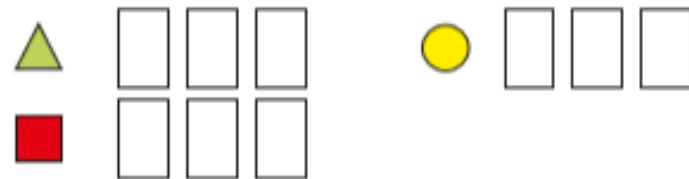
Compare answers with a partner.

Van Gogh's 'Bedroom'

Faith Ringgold 'Room'

Lubaina Himid 'Room'

BSL Alphabet

A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P
Q	R	S	T
U	V	W	X
Y	Z		

Did you know?
Sign language dates back to the 1500's. It's now the UK's fourth indigenous language and is though to be used by over 50,000 people countrywide.

 Other Fun Stuff

When you aren't doing some of the work above, why not have a go at something new? Take a look at the things below and don't be scared to let us know how you get on.

30 Day LEGO Challenge

Follow the instructions for each day. The only rule is to have fun and use your imagination!

Day 1 You were hired by an amusement park to create a new roller coaster.	**Day 2** NASA needs you to build a new rocket.	**Day 3** Your parents want to build a new home and they want you to build it.	**Day 4** Hollywood hires you to build a movie set for a new Star Wars movie.
Day 5 You enter a contest to build the world's tallest tower. Will you win?	**Day 6** You are stuck on Mars and need to build a new ship to get home.	**Day 7** Ford hires you to create the toughest pick up truck in the world.	**Day 8** You and 4 friends are stranded on an island. Build a boat to find a way home.
Day 9 Captain Hook needs a new pirate ship and wants you to build it.	**Day 10** You and your friends decide to build a tree house.	**Day 11** Prince Charming hires you to build a castle for him & Cinderella.	**Day 12** Dr. Who hires you to build a new TARDIS.
Day 13 You are asked by the President to build a new monument to George Washington.	**Day 14** Mr. Hilton hires you to build a new hotel.	**Day 15** There is a circus in town. Build a place for the performance.	**Day 16** Help your fellow pioneers build a wagon to make it across the country.
Day 17 Build the fastest car around and join the big car race.	**Day 18** Do you wanna build a snowman? Get in the winter mood and build a snow scene.	**Day 19** The city wants you to build a bridge to connect one side of the town to the other.	**Day 20** Pizza party! It is up to you to make a pizza for all the guests.
Day 21 You are hired to build a brand new hospital.	**Day 22** The fence is broke and the dog keeps escaping. Build one he can't get out of.	**Day 23** You are now in medieval times. You are commissioned to build a jousting arena.	**Day 24** The local bank keeps getting robbed. Build a safe no one can crack.
Day 25 Design and build your dream bedroom.	**Day 26** You are elected ruler. Build a flag for your land.	**Day 27** Aliens are invading and you need to build a war robot to defeat them.	**Day 28** The aliens have taken over. They are impressed by your robot. They want you build one for them.
Day 29 You are hired to build a house entirely out of yellow Legos.	**Day 30** There is blizzard. You will need to build a snowmobile		What was your favorite day?

100 Things to do indoors

www.spreadthehappiness.co.uk

1. Make non-cook playdough, then have a Dough Disco
2. Paint our families' portrait
3. Write and make a book
4. Draw flowers or the fruit bowl
5. Learn some laughter yoga www.robertrivest.com
6. Finger paint
7. Make a band from kitchen pots and pans
8. Footprint paint
9. Have a dance alarm every 30 minutes
10. Have a karaoke
11. Send a video message to family and friends to get them busy
12. Have a birthday party for a pet or cuddly toy
13. Have an indoor picnic
14. Discover your favourite story and share it together
15. Order books alphabetically
16. Have an indoor treasure hunt
17. Dress up in adult shoes
18. Find a fairy door in your house or garden
19. Do the Hokey Cokey
20. Take a selfie through a toilet roll tube and pretend you are on the moon

21. Make cards for everyone at home
22. Get some sheets to flap and pretend they are the waves and jump in
23. Make cakes
24. Get material or cardboard and make mermaid or merman's tails
25. Get all the chairs together and make a bus. play conductors and drivers
26. Make a camp in your bed
27. Make a dark den and use a torch
28. Write a letter to a neighbour or friend
29. Colour in a colouring book or draw a picture
30. Make wool or string hair over a chair
31. Have a pamper day
32. Have a scrunched up paper fight (from recycling)
33. Make ice lollies with cordial and water
34. Make sandwiches in strange shapes
35. Make a pretend car from boxes/furniture
36. Learn a rhyme or poem
37. Make paper aeroplanes
38. Have a pirate adventure, make boats from boxes or furniture
39. Blow bubbles and catch them
40. Make a number frieze for the wall, decorate

41. Read Pirate George series available on Kindle
42. Make a papier mache sculpture over a balloon
43. Keep a balloon up in the air game
44. Play a board game
45. Play hide and seek
46. Play dominoes
47. Learn a card game
48. Make smoothies
49. Perform a puppet show
50. Make shadow puppets
51. Make finger/sock puppets
52. Choreograph a dance or learn a dance routine
53. Have an upside down meals day, lunch for breakfast etc.
54. Learn a sing-along for Spread the Happiness TV
55. Learn to cook something new
56. Learn Brilliant Beast Song on Spread the Happiness TV YouTube Channel
57. Leave happy notes all around the house
58. Make a fitness routine and put your family through their paces
59. Using vegetables, make characters
60. Dance and sing to Knees Up Mother Brown

61. Play I Spy
62. Open your windows and sing out a song
63. Learn Days of the Week Song
64. Play musical statues
65. Learn a Beatles song
66. Learn a Queen song
67. Make an indoor restaurant and serve your family
68. Have a toy's tea party
69. Roll balls down the stairs
70. Be superheroes with capes
71. Eat cereal with a gigantic spoon
72. Have an ice cream party
73. Enter an online competition to win a prize
74. Vacuum your home
75. Polish your home
76. Fold up sheets
77. Use a sheet as a parachute to fluff up and hide under and play parachute games
78. Make binoculars with toilet rolls and look out the window at the birds
79. Make yoghurt pot telephones
80. Make a junk model rocket as large as you can

81. Create a comedy show
82. Pretend to conduct an orchestra to music
83. Hike up your stairs like it is a mountain, so so high
84. Roll around a large space in your home
85. Hop around like a bunny
86. Learn to play sleeping bunnies
87. Learn and act out 5 Little Monkeys
88. Find as many collections of 10 things in your home as you can
89. Dance in the shower
90. Sing in the shower
91. Squirt shaving foam in your hands
92. Make a scrap book of your favourite things, people
93. Play Jack in the Box in a large cardboard box
94. Have a themed party
95. Stay up late to look at the stars with a night time picnic
96. Play apple bobbing
97. Jump on the bed
98. Bash a pinata
99. Do coin rubbing with paper and crayons
100. Play pass the parcel

Extra PE using the Real PE scheme we follow at school

Website: home.jasmineactive.com
Parent email: parent@victoriado-1.com
Password: victoriado

Which celebrities are getting involved?

- **Carol Vorderman**

The former *Countdown* presenter has made her online maths school free for all children aged 4-11 until schools re-open.

- **David Walliams**

Children's author and TV personality David Walliams will be releasing a free audio story every day for the next 30 days.

- **Jennifer Garner and Amy Adams**

The Hollywood actors have launched a new Instagram account in aid of charity Save the Children. It features stories told by celebrities.

- **Dan Snow**

Dan Snow, also known as The History Guy, is offering free access to his history documentary channel History Hit for 30 days.

- **Brian Cox**

The professor of particle physics and TV personality has said he will be getting involved with "several great initiatives" over the coming weeks. On Saturday, he took part in a Q&A session for the Comic Shambles Network's Stay At Home Festival.

- **Steve Backshall**

The naturalist, broadcaster and author will be running a live "wildlife chat" on Facebook, Instagram and YouTube on Wednesday night.

- **Joe Wicks** (aka The Body Coach)

Fitness coach Joe Wicks has been broadcasting at-home PE lessons for children of all ages. They are broadcast live on his YouTube channel at 9am every weekday morning.

- **Myleene Klass**

The classical musician and radio presenter is offering free music lessons as part of a "Klass timetable" for children stuck at home.

- **Jamie Oliver**

Chef Jamie Oliver is hosting a nightly cooking show on Channel 4 to help families plan their meals "in these unique times".

- **Theo Michaels**

The former *MasterChef* star is streaming live cooking classes on his Instagram account and YouTube channel.

- **Dame Darcey Bussell**

The former *Strictly* judge's organisation DDMIX for Schools is hosting a 10-minute "shake up" on Facebook Live every day this week.

- **Ben Fogle https://www.instagram.com/benfogle/**