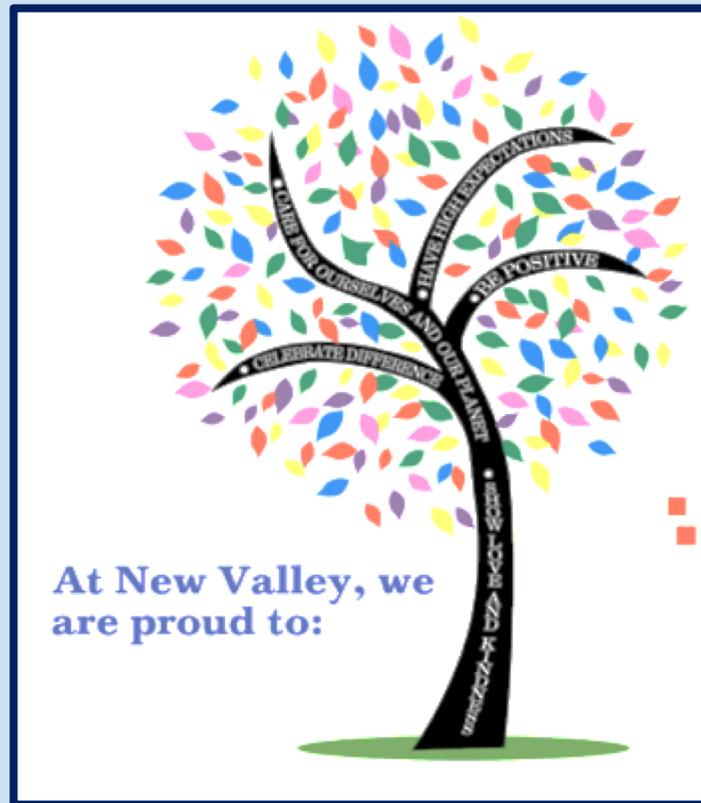




# NEW VALLEY PRIMARY SCHOOL REMOTE LEARNING



Year 6  
Oak



**Why did the M&M  
go to school?**

Wednesday 3<sup>rd</sup> February 2021

# Recommended Daily Timetable

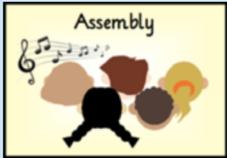
**The date:** Wednesday 3rd February 2021

3.2.21



## Morning

Tune in to our Zoom assembly at 8.45!



**Group 1  
Teams call  
9-9.30am**

9 - 9.30

**Group 2  
Teams call  
9.30-10am**

9.30 - 10



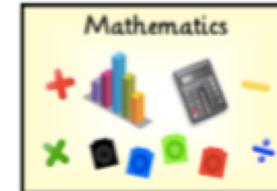
Pick a couple of the Wellbeing Wednesday activities (in the coloured boxes on the next page)

10 - 10.30

10.30 - 11



11 - 11.15



11.15 - 11.45

**Homework**

11.45 - 12

## Afternoon

Have a go at TTRS when the other group are having their Teams call!

**Group 1  
Teams call  
12-12.30pm**

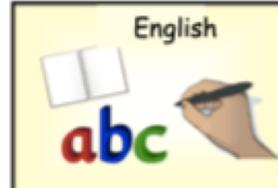
12 - 12.30

**Group 2  
Teams call  
12.30-1pm**

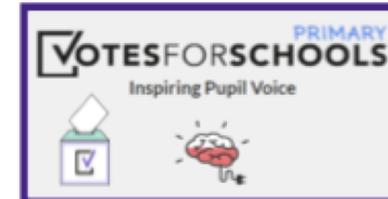
12.30 - 1



1 - 2



2 - 2.30



2.30 - 3



3 pm

**We can**



**do it!**

Send your work, and any questions, to [oak@newvalleyprimary.com](mailto:oak@newvalleyprimary.com)



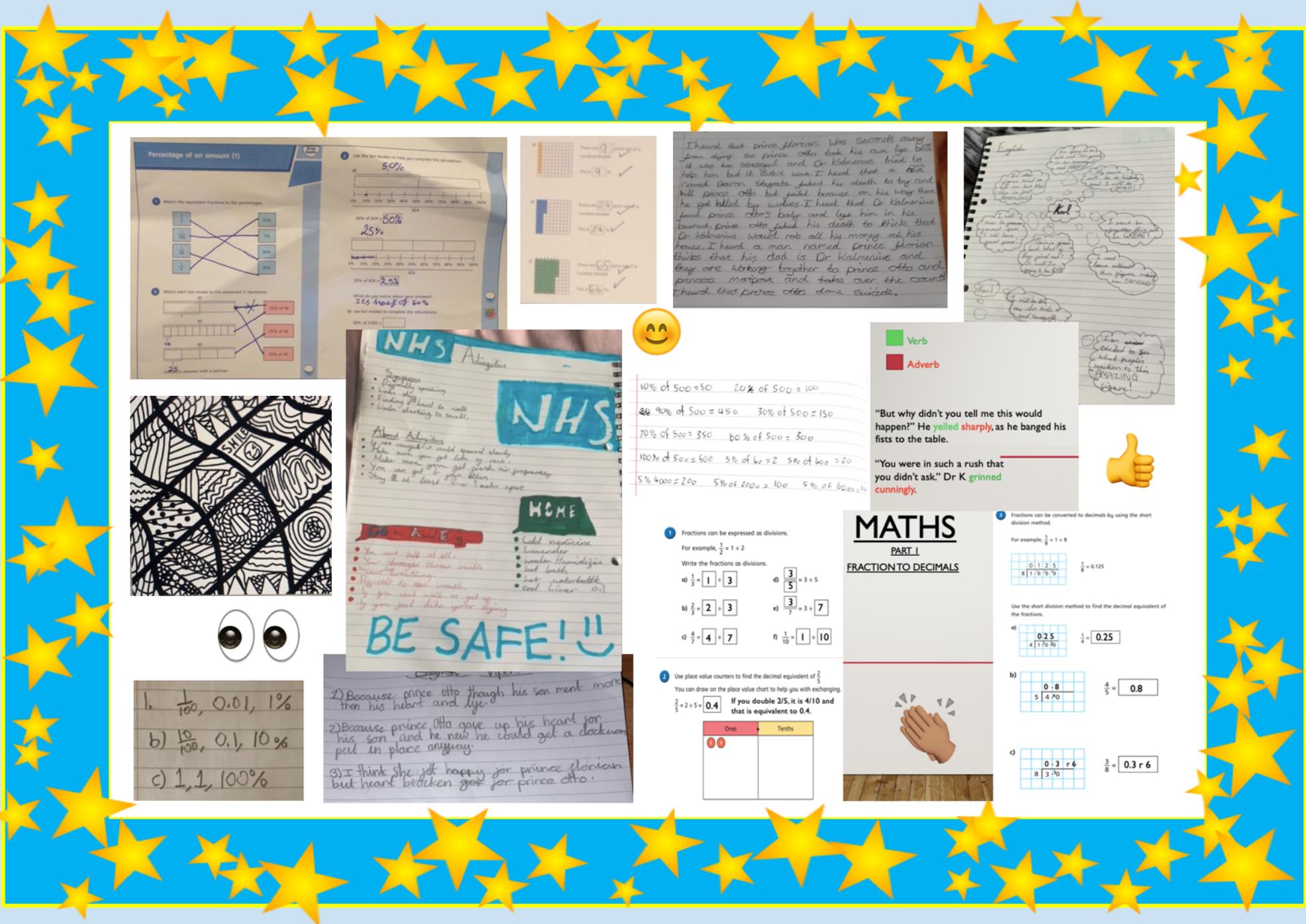
I am very proud of how hard you have ALL been working!



Have a look at some of the fantastic work that has been sent in by Y6. Can you spot yours?



Don't forget to send your work to me to get the chance to be on this page next week!



# Wellbeing Wednesday

Wednesday  
3/2/2021

## TT Rock Stars

Practise your times tables using [Times Table Rock Stars!](#)



## 'Homework'

Have a go at the homework in [Resource 7!](#)

## Will learning ever be the same again?



## English

We are learning to: [Use persuasive language](#)  
Reread pages 70-72 ([Resource 3](#)). Karl starts to imagine what he could use Sir Ironsoul for. He imagines stealing gold, using Sir Ironsoul as his accomplice. It says in the book that he got so excited that he lost all sense of what was right.

### Activity

Write a letter to Karl, convincing him that using Sir Ironsoul to steal and kill is wrong. Could you use rhetorical questions and emotive language? Could you link your ideas together using conjunctions such as 'if, but and because'...

We'll discuss this lesson in our morning call!

## Maths

This week we are studying: [Percentages](#)  
Follow the links to the White Rose website to find today's lesson on: [Finding missing values](#)

Click Me!

[Lesson video link](#)

[Lesson activity sheet link](#)

[Today's answers](#)

Resource 5/6



Keep track of our learning journey using [Resource 4!](#)

Click Me!

## Votes for Schools

Have a look at the full [Votes for School](#) pack on the Year 6 section of the NV website. Cast your vote by clicking on this link:

<https://www.surveymonkey.co.uk/r/vfs-primary-learning>

Dedicating time to a hobby is a great way of expressing yourself!



## Keep learning

Think about a hobby that you might like to take up at home. Dedicate time to your hobby every Wellbeing Wednesday. Here are some ideas...



- Learning a language** – you could use Duolingo
- Writing** – write your own comic strips, poetry or graphic novels?
- Reading** – take some time to get lost in a book!
- Drawing** – you could use YouTube tutorials or draw things that interest you
- Rambling** – enjoy walking in nature
- Exercise** – try out a new way of keeping fit. It could be dancing, yoga, boxing – there are lots of free online classes on YouTube!
- Coding** – use Scratch or other free coding websites
- Gardening** – don't have a garden? Notice the nature outside your window or on your walks!
- Crafts** – get inspired to create something!
- Games** – learn a new game, like chess...?
- Music** – listen to music, or create your own!

## Connect

Join your group's catch-up meetings today!  
Could you call a friend while you are doing your work, or just to say hi?

## Be active

Get active! Go for a walk or jog, do an exercise video, set up an obstacle course in your house or garden, turn on your favourite music and dance around for half an hour...? We would usually be going on our woodland walk today – could you ask your family if you can go for a walk and explore your local area together?

## Take notice

Take a couple of quiet minutes to have a go at this 5 finger breathing activity. How did you feel before? How do you feel after?



TAKE NOTICE

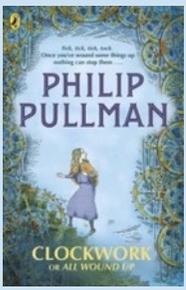
CONNECT

BE ACTIVE

GIVE

KEEP LEARNING

Remember to take lots of exercise and brain breaks away from your screen during the day!



# Resource 1 Clockwork working wall

Setting

Gluckenheim - a small German town

It was a winter's evening...

Royal palace

**Sir Ironsoul**  
- beautiful metal knight sculpture  
- when he hears a trigger word, he will not stop until his sword is in the throat of the person who says it  
- The 'Flowers of Lapland' tune deactivates him

**Baron Stelgratz**  
- trusted family friend  
- adored by Prince Florian  
- chosen as person to sacrifice his heart to save Prince Florian

**Princess Mariposa**  
- desperate for a child  
- finally has a baby but he sadly dies

Husband and wife, desperate for an heir.

**Prince Florian**  
- made by Dr Kalmenius as a replacement for the Prince and Princess's baby that died  
- starts seizing up and developing a mysterious illness aged 5

**Dr Kalmenius**  
- cleverest man in Europe  
- rumoured to experiment on dead people  
- spectacular clockmaker  
- character in Fritz's story

**Fritz**  
- novelist (writes stories)  
- optimistic (glass half full)  
- supportive friend, lots of empathy

**Karl**  
- clockmaker's apprentice  
- pessimistic (glass half empty)  
- negative, aggressive tone of voice & body language

Both having problems with their jobs (Karl hasn't made his figure for the clock and Fritz hasn't finished his story)

I think Prince Otto was on his way to visit Dr Kalmenius to ask him to fix his son when we heard about him dying in Fritz's story!

Does Princess Mariposa know that Prince Florian is not her real son, but a replacement?



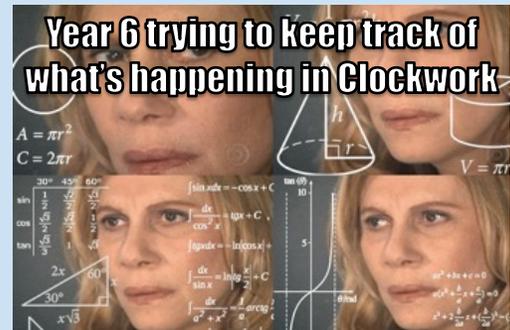
Plot updates

## PART 3

We are back in the tavern with Gretl and Sir Ironsoul...

Prince Florian enters the tavern, singing 'The Flowers of Lapland', at just the right moment! He deactivates Sir Ironsoul with his singing. Gretl takes Fritz's manuscript out of the fire to find out who the little boy is but she finds that he hadn't finished it.

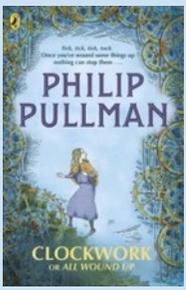
1 She leaves to go and find him.



Queries

Theories

Remember to take lots of exercise and brain breaks away from your screen during the day!



# Resource 2 Clockwork working wall

Setting

Glockenheim - a small German town

It was a winter's evening...

Royal palace

**Sir Ironsoul**  
- beautiful metal knight sculpture  
- when he hears a trigger word, he will not stop until his sword is in the throat of the person who says it  
- The 'Flowers of Lapland' tune deactivates him

**Baron Stelgratz**  
- trusted family friend  
- adored by Prince Florian  
- chosen as person to sacrifice his heart to save Prince Florian

**Princess Mariposa**  
- desperate for a child  
- finally has a baby but he sadly dies

Husband and wife, desperate for an heir.

**Prince Florian**  
- made by Dr Kalmenius as a replacement for the Prince and Princess's baby that died  
- starts seizing up and developing a mysterious illness aged 5

**Dr Kalmenius**  
- cleverest man in Europe  
- rumoured to experiment on dead people  
- spectacular clockmaker  
- character in Fritz's story

**Fritz**  
- novelist (writes stories)  
- optimistic (glass half full)  
- supportive friend, lots of empathy

**Prince Otto**  
- goes hunting with his friend (Baron Stelgratz) & son (Prince Florian)  
- found dead 2 days later  
- clockwork mechanism in the place of his heart

Both having problems with their jobs (Karl hasn't made his figure for the clock and Fritz hasn't finished his story)

I think Prince Otto was on his way to visit Dr Kalmenius to ask him to fix his son when we heard about him dying in Fritz's story!

**Karl**  
- clockmaker's apprentice  
- pessimistic (glass half empty)  
- negative, aggressive tone of voice & body language

**Gretl**  
- landlord's daughter

**Herr Ringlemann**  
- clockmaker

Characters  
■ = in 'real' life  
■ = in Fritz's story

Plot updates

## PART 2

1 We have jumped back in time to the setting of Fritz's story! Prince Otto and Princess Mariposa desperately want a child (an heir to the throne). Princess Mariposa finally gives birth to a son but he sadly dies shortly after. Prince Otto demands that Dr K makes him a replacement child. After 5 years, Prince Florian starts seizing up and developing a mystery illness.

2 The royal physician prescribes cod liver oil but Prince Otto knows it won't work because the child is not a human. Dr K says he always knew that this would happen but he didn't tell Prince Otto as he was in too much of a rush to ask. Dr K says the only thing that can save Prince Florian is a new heart. Prince Otto plans to use Baron Stelgratz's heart to save his son - Baron Stelgratz doesn't know his plan!



3 Baron Stelgratz, Prince Otto and Prince Florian set off into the woods. On their way to Dr Kalmenius, Baron Stelgratz is attacked and killed by wolves. Who will donate their heart to Prince Florian now? Prince Otto hopes to find a random person in the woods but there is no one around.

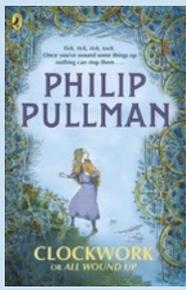
4 Prince Otto decides to donate his own heart to save his son (and the royal dynasty). He needs a way to get Prince Florian back to the palace, so Dr Kalmenius puts clockwork in his body to move his arm and let him whip the horses. It works! Prince Florian arrives at the palace safe and sound. Prince Otto is dead but still moving...like we heard in Fritz's story. Everyone in the town starts spreading rumours about what they think happened.

5 When he is 10 years old, Prince Florian's illness returns. The doctor says some time in the woods will help him, like last time. No one wants to take Prince Florian because of what happened to the last 2 people who went into the woods with him - they died! They offer a groom 10 silver pieces and he agrees. He leaves the child and plans to run away because he thinks he is a lost cause. Prince Florian wanders in to an inn. He can't speak, but is singing the Flowers of Lapland...

Queries

Theories

Does Princess Mariposa know that Prince Florian is not her real son, but a replacement?



# Resource 2 Clockwork working wall

Setting

It was a winter's evening...

Glockenheim - a small German town

**Sir Ironsoul**  
- beautiful metal knight sculpture  
- when he hears a trigger word, he will not stop until his sword is in the throat of the person who says it  
- The 'Flowers of Lapland' tune deactivates him

**Dr Kalmenius**  
- cleverest man in Europe  
- rumoured to experiment on dead people  
- spectacular clockmaker  
- character in Fritz's story

Characters  
■ = in 'real' life  
■ = in Fritz's story

**Herr Ringlemann** - clockmaker  
**Gretl** - landlord's daughter

**Prince Otto**  
- goes hunting with his friend (Baron Stelgratz) & son (Prince Florian)  
- found dead 2 days later  
- clockwork mechanism in the place of his heart

**Fritz**  
- novelist (writes stories)  
- optimistic (glass half full)  
- supportive friend, lots of empathy

**Karl**  
- clockmaker's apprentice  
- pessimistic (glass half empty)  
- negative, aggressive tone of voice & body language

Both having problems with their jobs (Karl hasn't made his figure for the clock and Fritz hasn't finished his story)

I think Dr K is trying to get people to do his dirty work for him - he knew someone would say the trigger!

I think there are lots of stories within the story, like cogs in a clock!

Theories

I think Philip Pullman was inspired by the Rathaus-Glockenspiel clock in Munich, Germany.



## Plot updates PART 1

1 The story starts on a winter's evening in the small German town of Glockenheim. Some of the townsfolk were in the White Horse Tavern (pub).

2 Karl's clockmaking apprenticeship with Herr Ringlemann is almost over. It is a tradition that when the apprenticeship comes to an end, the apprentice makes a new figure for the great Clock of Glockenheim.

3 Karl is miserable. He confesses to Fritz that he has not made his figure, and the whole town will think he is a failure when he is meant to unveil it tomorrow.

4 Fritz, an optimist, tries to comfort Karl but it doesn't seem to work. We learn that Fritz's new story is called 'Clockwork'. Fritz is also slightly nervous because he hasn't finished writing it!

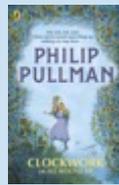
5 Fritz starts telling his story: Prince Otto and a friend take his young son out hunting. The prince's body is found dead, but still moving. When the doctor opens him up, he discovers a clock where his heart should be. He takes it out and the body stops moving. The townsfolk are loving Fritz's story!

6 Just as Karl starts describing a sinister character (Dr Kalmenius) in his story, Dr Kalmenius appears in the tavern (in real life!). Fritz throws his story manuscript into the fire and runs out shouting 'have nothing to do with this man'. Karl stays in the tavern with Dr Kalmenius.

7 Dr Kalmenius offers Karl an incredible metal sculpture - a knight called Sir Ironsoul. Karl discovers that when the knight hears a trigger word, it will not stop until its sword is in the throat of the person who said it (or he hears a special tune). Karl decides to take up Dr K's offer and plans to use it for his grand unveiling tomorrow.

8 Karl leaves Sir Ironsoul in the tavern while he goes out to prepare the clock. Gretl can't go to sleep and is thinking out loud. She accidentally summons Sir Ironsoul. The sheet of canvas falls softly to the floor...

Remember to take lots of exercise and brain breaks away from your screen during the day!



Remember to take lots of exercise and brain breaks away from your screen during the day!

70

who you really are, and I'll go and fetch Fritz. He's the only one who can sort it out.'

So she threw on her cloak, and set off to the house where Fritz the storyteller had his lodging.

Meanwhile, Karl had been preparing the place in the mechanism of the great clock that was set aside for his masterpiece. Feverish with excitement, he hurried down the staircase of the clock tower and across the square to the inn. The old cat Putzi was still outside, sitting on the windowsill, watching everything as he licked his paws and cleaned his ears. It was cold out there, and he was wondering about coming in for a snooze by the stove.

But Karl didn't notice him. He had other things than cats on his mind. He went in quietly and shut the door, and then he stopped in alarm, for there was the canvas, thrown aside, and there was Sir Ironsoul, sword upraised, on the other side of the room.

Karl's heart missed a beat. Had someone else come in and disturbed the little knight? There was no-one dead, at least, but why had the fig-

71

ure moved? Karl looked around, and then he saw the little prince sitting politely in his chair, watching him. A thousand strange fears ran over his skin.

Karl opened his mouth to speak, and then realized that the child wasn't alive after all. It was another clockwork figure like Sir Ironsoul! And a far finer one, by the look of it. He peered at it closely. The hair, the finest gold wires he had ever seen; the bloom on the silver cheeks, like a butterfly's wing; the eyes, bright blue jewels, almost alive in the way they seemed to look at him!

Only Dr Kalmenius could have created this. And he must have brought it for Karl. What did the figure do?

Karl reached out and lifted the prince's hand from his lap. With a little flicker of his energy, Prince Florian shook Karl's hand, and sang a bar of music for him. Karl's hair stood on end, for an idea had just come to him. Why not put *this* figure in the clock instead of Sir Ironsoul? It was more finely finished, and a handsome little boy who sang a pretty tune would be far

72

more popular with the crowds than a faceless knight who did nothing but threaten people with a sword.

And then he could keep Sir Ironsoul for himself.

And then ... Oh, how his mind raced. He could travel the world. He could become famous giving exhibitions and demonstrations.

He became quite dizzy as he thought of the uses to which he could put the metal knight. The gold he could steal, the forbidden treasures that could be his, if he had a secret accomplice, like Sir Ironsoul, who could be relied on always to kill and never to give him away! All he would have to do would be to trick his intended victim into saying the word 'devil', and leave Sir Ironsoul nearby to play his part. He, Karl, could be somewhere else entirely, playing cards with a dozen witnesses, or even in church surrounded by the faithful. No-one would ever know!

So excited did he become that he lost all sense of what was right. The church, his father and mother and brother and sister, Herr Ringelmann, every influence for good he'd ever



Remember to take lots of exercise and brain breaks away from your screen during the day!

73

known was whirled away into the darkness, and all he could see was the wealth and power that would be his if he used Sir Ironsoul in that way.

And before he could change his mind, he threw the canvas over the knight, tucked the stiffening figure of Prince Florian under his arm, and set off back to the clock tower.

Meanwhile, Gretl was struggling through the snow towards the house where Fritz lodged. She could see from the end of the street that all the windows were dark except one in the attic where Fritz often used to work throughout the night. She had to knock half a dozen times before the landlady came grumbling to open the door.

‘Who is it? What do you want at this time of night? Oh, it’s you, child; what in the world are you after?’

‘I’ve got to speak to Herr Fritz! It’s very important!’

Mumbling and frowning, the old lady stepped aside and said, ‘Yes, I heard all about that business at the inn. Making up wicked stories! Frightening people! I’ll be glad when he’s gone.’

74

In fact I’ve got half a mind to give him notice. Go on up, child, top of the stairs and keep going. No, you can’t have a candle, this is the only one I’ve got and I need it myself. You’ve got sharp eyes; make do.’

So Gretl climbed the four staircases to the top of the house, each one darker and narrower than the one below, and came at last to a tiny landing where a line of light glowed beneath a door. There she knocked, and a nervous voice answered:

‘Who is it? What do you want?’

‘It’s Gretl, Herr Fritz! From the inn! I’ve got to speak to you!’

‘Come in, then – as long as you’re by yourself ...’

Gretl opened the door. She found Fritz standing in the light of a smoky lamp, throwing paper after paper into a leather bag which was bulging with his clothes and books and other bits and pieces. A glass of plum brandy stood on the table beside him. He had already drunk quite a lot, by the look of him, for his eyes were wild, his cheeks were flushed, and his hair was standing on end.

75

‘What is it?’ he said. ‘What do you want?’

‘That story you told us,’ Gretl began, but she got no further, for the young man put his hands over his ears and shook his head violently.

‘Don’t speak of it! I wish I’d never begun it! I wish I’d never told a story in my life!’

‘But you’ve got to listen to me!’ she said. ‘Something dreadful’s going to happen, and I don’t know what it is because you didn’t finish writing the story!’

‘How do you know I didn’t finish it?’ he said.

She showed him the sheet of paper she’d found. He groaned, and put his face in his hands.

‘Groaning won’t help,’ she said. ‘You’ve got to finish the story properly. What happens next?’

‘I don’t know!’ he cried. ‘I dreamed the first part of it, and it was so strange and horrible that I couldn’t resist writing it down and pretending it was mine ... But I couldn’t think of any more!’

‘But what were you going to do when you got to that part?’ she said.

‘Make it up, of course!’ he said. ‘I’ve done that before. I often do it. I enjoy the risk, you see.’

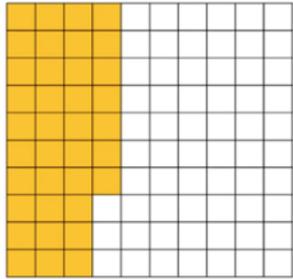


# PERCENTAGES

This working wall, just like the one in our classroom, will help you keep track of the big ideas in our learning journey.

## What is a percentage?

WHAT'S THE BIG IDEA

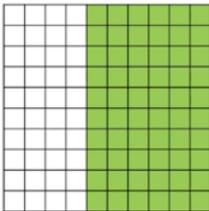


Percent means parts out of 100

There are  $\frac{37}{100}$  parts out of a hundred shaded.  
This is  $\frac{37}{100}$  %

6 out of 10 pieces shaded =  $\frac{6}{10}$

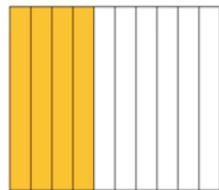
$$\frac{6}{10} = \frac{60}{100} = 60 \text{ out of } 100 = 60\%$$



Click Me!

[Click here](#) to recap the lesson video!

## Converting fractions to percentages

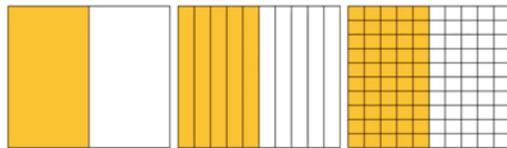


$$\frac{4}{10} = \frac{40}{100} = 40\%$$

WHAT'S THE BIG IDEA

To turn a fraction into a decimal, first make sure it is 'out of 100' and the denominator is 100!

If it's not, find an equivalent fraction where the denominator is 100 - like these examples!



$$\frac{1}{2} = \frac{5}{10} = \frac{50}{100}$$

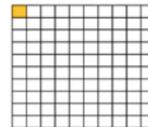
$$\frac{5}{10} = \frac{50}{100} = 50 \text{ out of } 100 = 50\%$$

Click Me!

[Click here](#) to recap the lesson video!

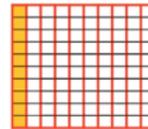
## Equivalent fractions, decimals and percentages

Ones			$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
100s	10s	1s	0.1	0.01	0.001



= one hundredth

$$= \frac{1}{100} = 0.01 = 1\%$$



=  $\frac{10}{100}$  = ten hundredths

$$= \frac{10}{100} \div 10 = \frac{1}{10} = \text{one tenth} = 0.1 = 10\%$$

0.80 =

$$= \frac{4}{5} = \frac{80}{100} = 80\%$$

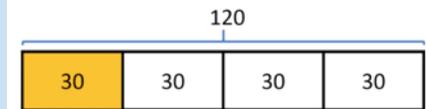
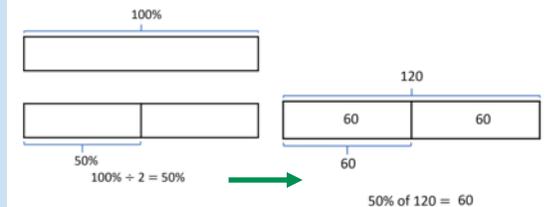
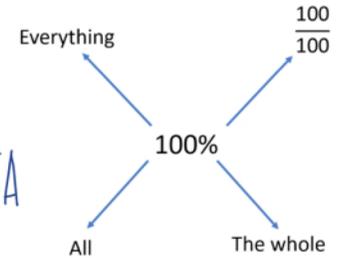
Make sure it is 'out of 100'!

Click Me!

[Click here](#) to recap the lesson video!

## Finding a percentage of an amount

WHAT'S THE BIG IDEA



Using the bar model, how could we find 25% of 120?

25% is equal to  $\frac{1}{4}$

$$120 \div 4 = 30$$

[Click here](#) to recap the lesson video!

# Resource 5

## Maths

### Finding a percentage of an amount

WHAT'S THE BIG IDEA

Everything  $\frac{100}{100}$

All The whole

100%

100%

50% 100% ÷ 2 = 50%

120

60 60

50% of 120 = 60

120

30 30 30 30

Using the bar model, how could we find 25% of 120?

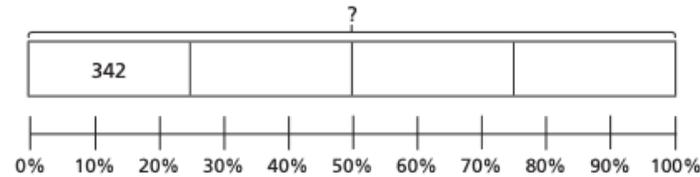
25% is equal to  $\frac{1}{4}$

$120 \div 4 = 30$

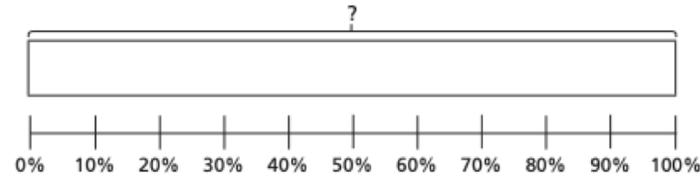
### Percentages – missing values

1 Complete the bar models to find the missing numbers.

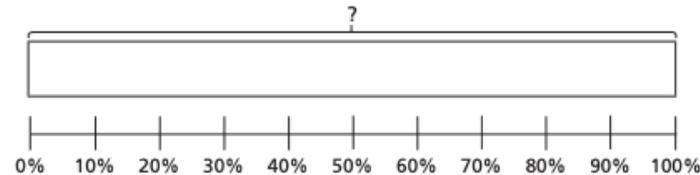
a) 25% of  = 342



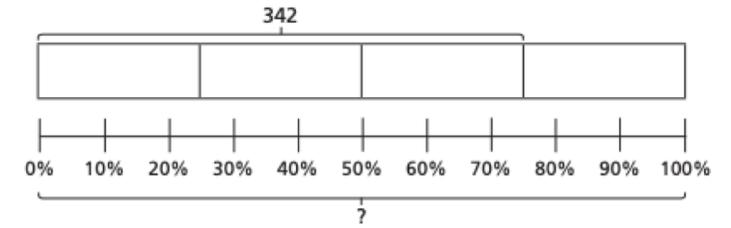
b) 10% of  = 342



c) 50% of  = 342



d) 75% of  = 342



2 40% of the children in a school are boys.

There are 188 boys in total.

a) How many children are there altogether?

b) How many girls are there?

3 10% of  = 200



I know that to find 10% I have to divide by 10, so the answer is 20

a) What mistake has Eva made?

We can



do it!

Remember to take lots of exercise and brain breaks away from your screen during the day!

# Resource 6

## Maths



b) Draw a bar model to help Eva find the correct answer.

c) What is the correct answer?

4 Complete the calculations.

- |                                     |  |
|-------------------------------------|--|
| a) 20% of <input type="text"/> = 30 | c) <input type="text"/> % of 400 = 100 |
| 20% of <input type="text"/> = 60    | <input type="text"/> % of 300 = 225    |
| b) 10% of <input type="text"/> = 40 | d) 80% of <input type="text"/> = 32    |
| 10% of <input type="text"/> = 20    | <input type="text"/> % of 32 = 8       |

5 The table shows the number of people who visited a cinema over four days.

a) Fill in the missing information.

Day	Percentage of total visitors	Number of visitors
Thursday	10%	
Friday		448
Saturday	45%	
Sunday		
Total		2,240



b) How many more people went to the cinema on Saturday than Sunday?

c) 60% of the visitors were children.  
How many children went to the cinema?

6 Find three different solutions to make the statement correct.

10% of  =  % of 50

What do you notice about your answers?

Talk about it with a partner.



Remember to take lots of exercise and brain breaks away from your screen during the day!

Have a go at learning these spellings.  
You'll get a new set next Wednesday!

Weekly

## Spellings

accommodate

available

competition

determined

suggest

existence

identity

muscle

prejudice

rhyme

Weekly

## Mixed skills

3

Add the missing speech punctuation.

- 1) This is not fair complained Joe
- 2) Liam asked When's dinner
- 3) Cameron said I'd like to come too

Decide whether they underlined word is an adjective or an adverb:

- 1) My friendly neighbour waved at me.
- 2) We should go for a walk later.
- 3) I have some new fluffy socks.

Add a relative clause to each sentence:

- 1) My dog has a new collar.
- 2) My sister went to the swimming pool earlier.
- 3) The bird preened on the branch.



daily

achieve

aggressive

amateur

## Flashback 4

daily

1) What is  $0.6 \times 7$ ?

2) What is  $1.8 \div 10$ ?

3) Work out  $1\frac{5}{6} - \frac{5}{9}$

4) Work out 2,791 metres - 1,344 metres



Click Me!

[Click this link](#) to see Miss Swainson's handwriting demo!

Over the course of this week, practise writing these Year 6 words in your best joined up handwriting!