



NEW VALLEY PRIMARY SCHOOL REMOTE LEARNING



Year 6
Oak



Monday 1st February 2021

Recommended Daily Timetable

The date: Monday 1st February 2021

1.2.21



Morning

Don't forget to write the date and subject for each piece of work!

Click this link to watch today's assembly!



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

9 - 9.30

or

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

9.30 - 10

Get moving!

10 - 10.30

VIPERS
Reading

10.30 - 11

Break Time

11 - 11.15

Mathematics

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

or

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

12.30 - 1

Lunch Time

1 - 2

English

2 - 2.30

EXPRESS YOURSELF

2.30 - 3

Chill time!

3 pm

Click Me!

[Wake up with Joe](#)

Send your work, and any questions, to oak@newvalleyprimary.com



English

Today we are learning to: Use thoughtfully chosen adjectives.

Read pages 67-69 of Clockwork (Resource 3).

Activity: Make a mind map of words and phrases to describe how Gretl must be feeling when she is confronted by Sir Ironsoul AND the little prince.

Some of the songs that give me goose bumps...



This song reminds me of the first music festival I went to with all of my friends from school - who are still my best friends now!

[Listen!](#)



My dad loves playing music from all over the world. These two songs remind me of barbecues with my family!

[Listen!](#)



I once crossed the finish line of a half marathon running in perfect time to the beat of this song!

[Listen!](#)



This song reminds me of my trip to South America. Reggaeton was played everywhere and it helped me to learn Spanish!

[Listen!](#)



[Listen!](#)

Maths

This week we are studying: Percentages

top tip! Keep track of our learning journey using Resource 4!

Follow the links to the White Rose website to find today's lesson on: Finding a percentage of an amount

Click Me!

[Lesson video link](#)

Resource 5/6

[Lesson activity sheet link](#)

[Today's answers](#)



We'll discuss this lesson in our morning call.



Click Me!



Click this link to read the lyrics and listen to Labrinth's song 'Express Yourself'.

What is the message of the song? Is there a song that gives you goose bumps every time you hear it? Why does it make you feel so good? Does it remind you of something or someone?



Have a go at creating some of your own music! There are lots of free music making apps you can use, like GarageBand.

VIPERS (Reading)

Read pages 67-69 of your copy of Clockwork (or look at Resource 3).

We are on to the final part of the book! Set up your working wall page for Part 3. Don't forget to add your first plot update!

Are there any theories or queries you could add?

Have a look at Resources 1 and 2 for an example of our working wall for the first two sections of the book.



TT Rock Stars

Click Me!

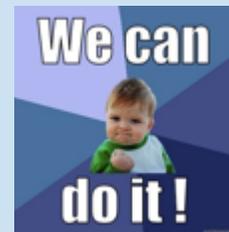
Practise your times tables using Times Table Rock Stars!



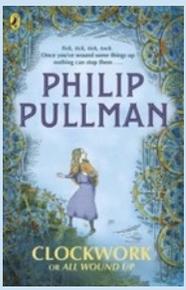
We'll go over this in our afternoon meeting tomorrow.

'Homework'

Have a go at the homework in Resource 7.



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



Resource 1 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!

Characters
■ = in 'real' life
■ = in Fritz's story
Herr Ringlemann - clockmaker
Gretl - landlord's daughter

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

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

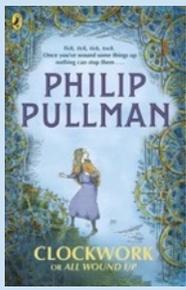


Remember to take lots of exercise and brain breaks away from your screen during the day!

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
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Characters

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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

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!

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

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...

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



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

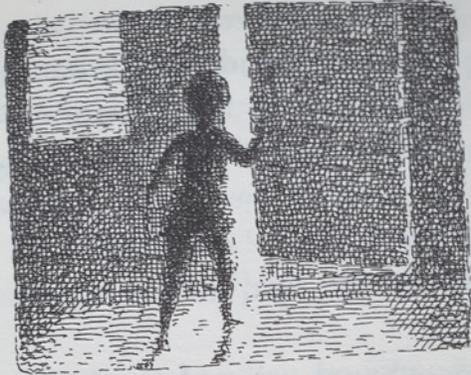


Remember to take lots of exercise and brain breaks away from your screen during the day!

69

67

PART THREE



Sir Ironsoul stopped at once, with a whirr and a click. His sword was inches from Gretl's throat. The prince's song rang out sweetly through the parlour.

Gretl could only stare: in horror at Sir Ironsoul and his sword, in wonder at the prince.

'Where did you come from?' she said. 'Are you the little prince in the story? I think you must be. But how cold you are! And who is this? How sharp his sword is! I don't like him at all. Oh, what must I do? I feel I'm supposed to do something, but I don't know what it is!'

There was no-one to help. She was alone

68

with the two little figures, one all malice, the other all sweetness. Gretl touched the prince's cheek gently, and found it cold, but her touch awoke something in his machinery for an instant, and he turned his eyes to hers and smiled.

'Oh, you poor thing!' she cried.

He opened his lips, and sang one or two notes.

'I know what it is,' said Gretl. 'You're not well. And I don't like that little knight one bit, and I don't want to leave you here with him, but I know whose fault this is. It was Fritz who made the story up. If only we could find out how it finished ...'

She looked at the stove, where Fritz had thrown the sheets of paper on which his story was written. She had thought they were all destroyed, but crumpled up on the floor, in the shadow, there was one piece left unburnt.

She picked it up and straightened it out. It was the very page he had been reading when the stranger had come in. On it were the words:

He was very tall and thin, with a prominent nose and jaw. His eyes blazed like coals in caverns of darkness. His hair was long and grey, and he wore a black cloak with a loose hood like that of a monk; he had a harsh grating voice and his expression was full of savage curiosity. And that was the man who —

There was no more. The story stopped at that point.

'That was exactly when he came in!' said Gretl to herself. But there were another few words scribbled below, and, peering closely, she managed to make them out.

Oh, this is impossible! How can I write an ending to this story? I'll have to make it up when I get there, and hope I do it well. If I come up with something good, the devil can have my soul!

Gretl's eyes widened, and she bit her lip in horror. People shouldn't say things like that! 'Well,' she said to herself, 'he started it all off, and I'm going to make him finish it. You sit in here and keep warm, Prince Florian, if that's

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.

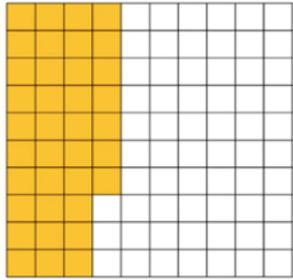


PERCENTAGES

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

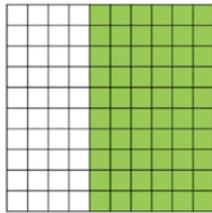


Percent means parts out of 100

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

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

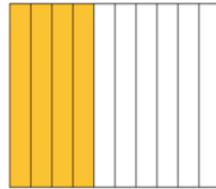
$\frac{6}{10} = \frac{60}{100} = 60$ out of 100 = 60%



Click Me!

[Click here to recap the Lesson 1 video!](#)

Converting fractions to percentages



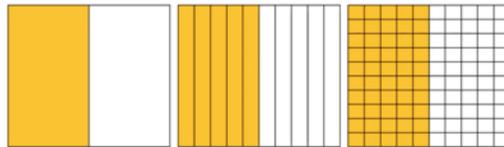
$$\frac{4}{10} = \frac{40}{100} = 40\%$$

$\frac{40}{100} = 40$ out of one hundred
= 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!



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

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

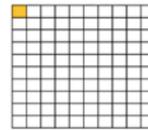
$$\frac{5}{10} = 50\%$$

Click Me!

[Click here to recap the Lesson 2 video!](#)

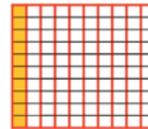
Equivalent fractions, decimals and percentages

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



= one hundredth

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



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

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

0.80

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

Make sure it is 'out of 100'!

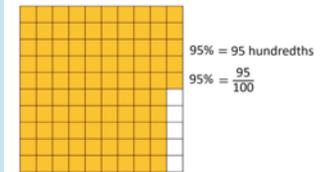
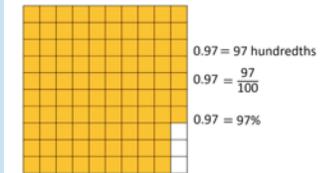
Click Me!

[Click here to recap the Lesson 3 video!](#)

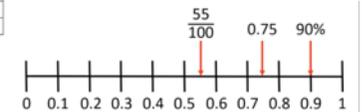
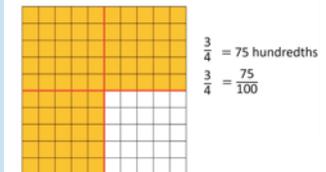
Ordering fractions, decimals and percentages

Order the following from smallest to greatest

0.97 95% $\frac{3}{4}$



Remember, making them all 'out of 100' makes it easier to order and compare!



Click Me!

[Click here to recap the Lesson 4 video!](#)

Percentage of an amount (1)

1 Match the equivalent fractions to the percentages.

$$\frac{1}{2}$$

25%

$$\frac{1}{100}$$

1%

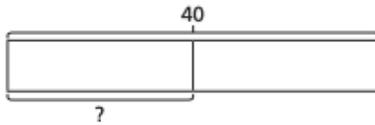
$$\frac{1}{10}$$

50%

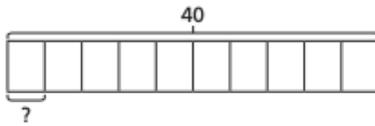
$$\frac{1}{4}$$

10%

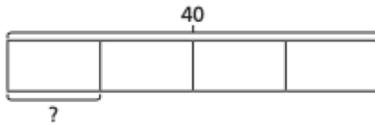
2 Match each bar model to the statement it represents.



10% of 40



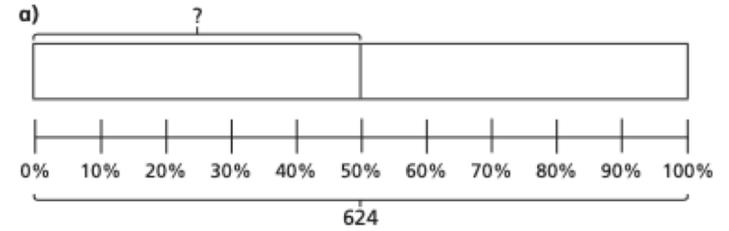
25% of 40



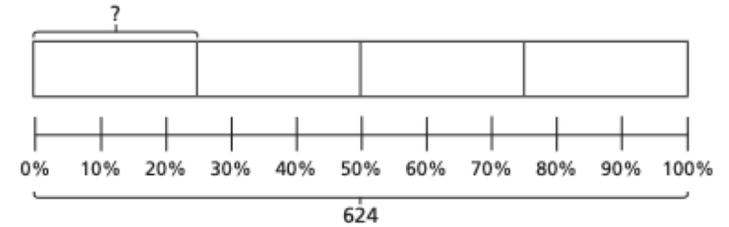
50% of 40

Compare answers with a partner.

3 Use the bar models to help you complete the calculations.



50% of 624 =



25% of 624 =

What do you notice about your answers?

b) Use bar models to complete the calculations.

50% of 3,420 =



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

Resource 6

Maths

25% of 3,420 =

10% of 3,420 =

4 Complete the calculations.

- | | |
|--|--|
| a) 50% of 3,000 = <input type="text"/> | c) 10% of 3,000 = <input type="text"/> |
| 50% of 1,500 = <input type="text"/> | 10% of 1,500 = <input type="text"/> |
| 50% of 500 = <input type="text"/> | 10% of 500 = <input type="text"/> |
| b) 25% of 3,000 = <input type="text"/> | d) 1% of 3,000 = <input type="text"/> |
| 25% of 1,500 = <input type="text"/> | 1% of 1,500 = <input type="text"/> |
| 25% of 500 = <input type="text"/> | 1% of 500 = <input type="text"/> |

What do you notice about your answers?



5 Workers in a toy factory aim to pack 2,560 boxes each day.
At 10:00 am they have completed 25% of their target.

a) How many boxes have they packed?

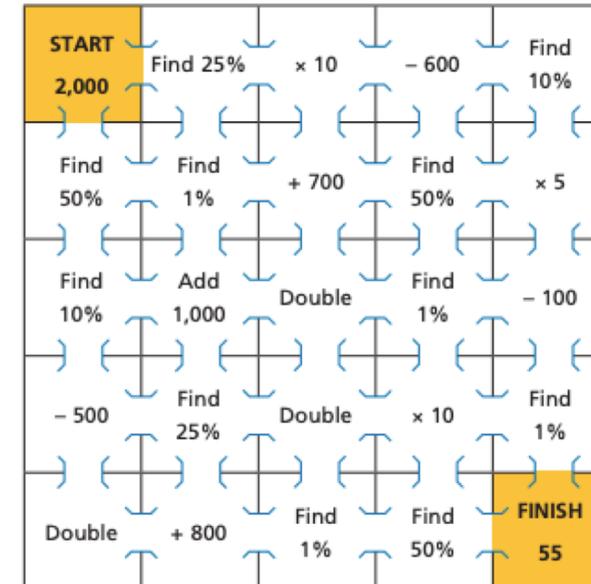
By midday they have packed 50% of their target.

At 2:00 pm they have packed another 10% of their target.

b) How many more boxes do they need to pack to meet the daily target?

They need to pack more boxes.

6 Follow the steps to find a way through the maze.



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
muscle
prejudice
available
determined
rhyme
identity
accommodate
suggest
competition
existence

Weekly

Mixed skills

1

Add the missing speech punctuation.

- 1) Here's your jumper said Mrs Smith
- 2) Paul asked Where are we
- 3) Can I have some begged Julie

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

- 1) That's a lovely jumper.
- 2) He kindly offered to clean my windows.
- 3) We should leave soon.

Add a relative clause to each sentence:

- 1) Mark returned the book to the library.
- 2) My house was burgled last night.
- 3) My new skateboard is great!



daily

accommodate

accompany

according

Flashback 4

- 1) What is $950 \div 100$?
- 2) Multiply 7.16 by 10
- 3) Work out $\frac{3}{4} - \frac{1}{6}$
- 4) What number is 100 more than 76,309?

daily



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