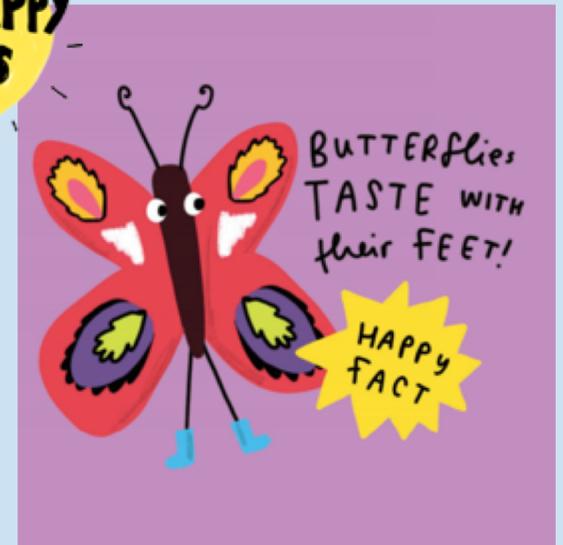
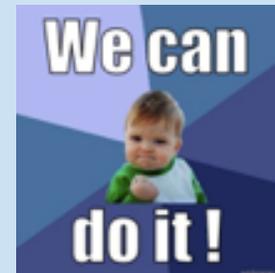




# NEW VALLEY PRIMARY SCHOOL REMOTE LEARNING



Year 6  
Oak



Monday 18<sup>th</sup> January 2021

# Recommended Daily Timetable

**The date:** Monday 18th January 2021

18.1.21



## Morning

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

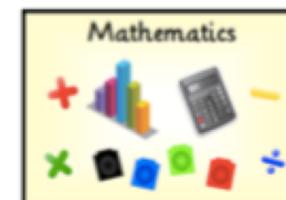
**Group 1  
Teams call  
9-9.30am**

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

**Get moving!**



**VIPERS**



**Homework**

9 - 9.30

or

9.30 - 10

10 - 10.30

10.30 - 11

11 - 11.15

11.15 - 11.45

11.45 - 12

## Afternoon

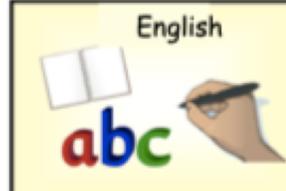
**Group 1  
Teams call  
12-12.30pm**

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

Lunch Time



English



**Wider curriculum**

Geography



Chill time!



12 - 12.30

or

12.30 - 1

1 - 2

2 - 2.30

2.30 - 3

3 pm

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

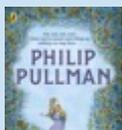


Click Me!

[Wake up with Joe](#)

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





We'll read a bit of the book together and discuss this lesson in our morning call.

## English

Today we are learning to: *Use persuasive language*

Do you remember when we were watching 'The Boy Who Harnessed the Wind' and we created a conscience alley, persuading Jeremiah and Trywell to sell the trees, or not sell the trees? Today, we are going to create a conscience alley for Karl! Should he trust Dr Kalmenius and use his clockwork figure for his grand unveiling?

### Activity

Read pages 36-40 of Clockwork (Resource 1 and 2). Think of at least 3 points to add to each side of your conscience alley.

**Yes:** Karl **SHOULD** use Dr Kalmenius' figure for his grand unveiling tomorrow.

**No:** Karl **SHOULDN'T** use Dr Kalmenius' figure for his grand unveiling tomorrow.

Have a look at Resource 2 for a couple of examples. Make them as persuasive as possible!

## Maths

This week we are studying: *Decimals*  
Follow the links to the White Rose website to find today's lesson on: *Multiplying decimals by integers (whole numbers)*

Resource 4/5

Click Me!

[Lesson video link](#)

[Lesson activity sheet link](#)

[Today's answers](#)



## Wider Curriculum

### Geography



Our focus is: *Locational Knowledge: Hemispheres & Tropics*

Click Me!

[Click this link](#) and work your way through the lesson.

Session focus: *What time is it in different countries?*

In this lesson, we will explore the concept of time zones, learning why time varies across different parts of the world. We will also learn about the International Date Line.

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

## VIPERS (Reading)

Don't forget to update your Clockwork working wall! Have a look at Resource 6 to see an example.

Read pages 36-40 of your copy of Clockwork (or look at Resources 1 & 2) and have a go at these questions...

**Retrieve** (find evidence in the text)

1. **Page 37:** What is the name of the metal sculpture in Dr Kalmenius' sledge?

2. **Page 38:** How did Dr Kalmenius stop Sir Ironsoul from harming Karl?

**Infer**

3. **Page 39:** What is the word that starts Sir Ironsoul's movement?

4. **Page 40:** Why is Karl afraid of the figure?

**Predict**

5. **Page 40:** What do you think is going to happen at the unveiling of the Great Clock of Glockenheim's new figure tomorrow?

## TT Rock Stars

Click Me!

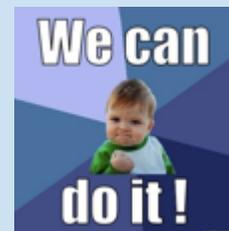
Practise your times tables using [Times Table Rock Stars!](#)



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

## 'Homework'

Have a go at the homework in Resource 3.





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

36

‘Oh, but it’s easy! What would you like? Wealth? A beautiful bride? Wind up the future, my friend! Say what you want, and it will be yours! Fame, power, riches – what would you like?’

‘You know very well what I want!’ cried Karl. ‘I want a figure for the clock! Something to show for all the time I should have spent in making it! Anything to avoid the shame I’ll feel tomorrow!’

‘Nothing could be easier,’ said Dr Kalmenius. ‘You spoke – and there is what you wished for.’

And he pointed to the little sledge he’d pulled behind him into the parlour. The runners stood in a puddle of melted snow, and the canvas cover was damp.

... AND HERE IT IS: YOU DON'T WIN RACES BY WISHING, YOU WIN THEM BY RUNNING FASTER THAN EVERYONE ELSE. AND TO DO THAT YOU HAVE TO TRAIN HARD AND STRIVE YOUR UTMOST, AND SOMETIMES EVEN THAT ISN'T ENOUGH, BECAUSE ANOTHER RUNNER JUST MIGHT BE MORE TALENTED THAN YOU ARE. HERE'S THE TRUTH: IF YOU WANT SOMETHING, YOU CAN HAVE IT, BUT ONLY IF YOU WANT EVERYTHING THAT GOES WITH IT, INCLUDING ALL THE HARD WORK AND THE DESPAIR, AND ONLY IF YOU'RE WILLING TO RISK FAILURE. THAT'S THE PROBLEM WITH KARL: HE WAS AFRAID OF FAILING, SO HE NEVER REALLY TRIED.



37

‘What is it?’ said Karl, who had suddenly become very afraid.

‘Uncover it! Take off the canvas!’

Karl got unsteadily to his feet and slowly untied the rope holding the cover down. Then he pulled the canvas off.

In the sledge was the most perfect piece of metal sculpture he had ever seen. It was the figure of a knight in armour, made of gleaming silvery metal, holding a sharp sword. Karl gasped at the detail, and walked round looking at it from all angles. Every piece of armour-plating was riveted in such a way that it would move smoothly over the one below, and as for the sword—

He touched it, and drew his hand back at once, looking at the blood running down his fingers.

‘It’s like a razor,’ he said.

‘Only the best will do for Sir Ironsoul,’ said Dr Kalmenius.

‘Sir Ironsoul ... What a piece of work! Oh, if this were in the tower among the other figures, my name would be made for ever!’ said Karl

38

bitterly. ‘And how does he move? What does he do? He does work by clockwork, I suppose? Or is there some kind of goblin in there? A spirit or a devil of some kind?’

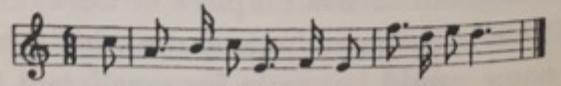
With a smooth whirr and a ticking of delicate machinery, the figure began to move. The knight raised his sword and turned his helmeted head to look for Karl, and then stepped off the sledge and moved towards him.

‘No! What’s he doing?’ said Karl in alarm, backing away.

Sir Ironsoul kept going. Karl moved aside, but the figure turned too, and before Karl could dodge away, he was pinned in the corner, with the little knight’s sword moving closer and closer.

‘What’s he doing? That sword is sharp – stop it, Doctor! Make it stop!’

Dr Kalmenius whistled three or four bars of a simple, haunting little tune, and Sir Ironsoul fell still. The point of the sword was right at Karl’s throat.





Don't forget to write a new plot update on your Clockwork working wall!

The apprentice eased his way past the figure and sank onto a chair, weak with fear.

'What - who - how did it start? This is uncanny! Did you set it off?'

'Oh, I didn't start him,' said Dr Kalmenius. 'You did.'

'I did? How?'

'It was something you said. His mechanism is so delicate, so perfectly balanced, that one word and one word alone will start him moving. And he's such a clever little fellow! Once he's heard that word, he won't rest until his sword is in the throat that uttered it.'

'What word?' said Karl fearfully. 'What did I say? Clockwork ... goblin ... move ... work ... spirit ... devil ...'

Once again Sir Ironsoul began to move. He turned round implacably, found Karl, and set off towards him. The apprentice was out of his chair in a flash and cowering in the corner.

'That was it!' he cried. 'Stop it again, please, Doctor!'

Dr Kalmenius whistled once more, and the figure stopped.

39

'What is that tune?' said Karl. 'Why does he stop for that?'

'It's a little tune called "The Flowers of Lapland",' said Dr Kalmenius. 'He likes that, bless him. He stands still to listen to it, and that tips his balance wheel the other way, and then he stops. What a marvel! What a piece of work!'

'I'm afraid of him.'

'Oh, come, come! Afraid of a little tin man who likes a pretty tune?'

'It's uncanny. It's not like a machine at all. I don't like it.'

'Well, that's a great shame. What will you do without him tomorrow? I shall be watching with great interest.'

'No, no!' said Karl, in anguish. 'I didn't mean ... Oh, I don't know what I mean!'

'Do you want him?'

'Yes. No!' cried Karl, beating his fists together. 'I don't know. Yes!'

'Then he is yours,' said Dr Kalmenius. 'You have wound up the future, my boy! It has already begun to tick!'

40

Should Karl trust Dr Kalmenius and use his figure for his grand unveiling?

NO!



YES!

If you lose control of the figure, it might harm a member of the public.

Do you really want the whole village to think you are a failure? Use his figure! What's the worst that could happen?!

Change passive to active

1

Change these sentences from passive to active.

- 1) The fence was painted by Dean.
- 2) Last Friday, a cake was baked by Toby.
- 3) The cat was fed by my sister.
- 4) The meeting was cancelled by the council.
- 5) My hair was cut by Sandra.
- 6) All the carrots have been eaten by the rabbits.
- 7) Some of the cakes have been eaten by the children.
- 8) The dishes have been cleaned by Lucy.
- 9) The meeting was called by Andy.
- 10) The parcel was delivered by the postman.



Flashback 4

Year 6 | Week 10 | Day 1

CCLV

- 1) Divide  $\frac{1}{4}$  by 5 
- 2) Subtract  $\frac{3}{4}$  from  $2\frac{1}{2}$
- 3) Simplify  $\frac{8}{24}$
- 4) How many millimetres are there in 2 metres?

White  
Rose

We can



do it!

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

## Multiply decimals by integers

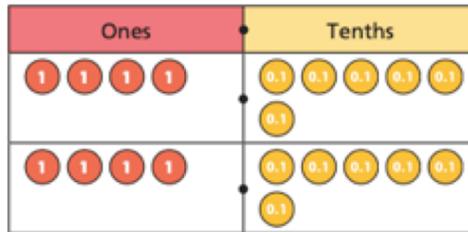
# Resource 4 Maths

1 Use place value counters to solve the calculations.

a)  $3.2 \times 3 = \square$



b)  $4.6 \times 2 = \square$



2 Solve the multiplication. Draw your answer.

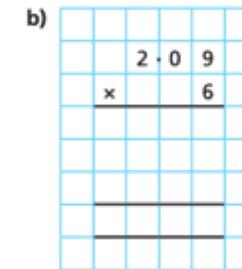
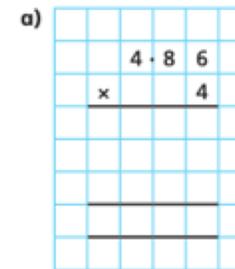
$12.2 \times 3 = \square$



3 Nijah uses long multiplication to solve  $3.72 \times 3$

		3	7	2
x				3
		0	0	6
		2	1	0
		9	0	0
		1	1	1
		1	1	6

Use long multiplication to work out the calculations.



4 Work out the multiplications.

a)  $5.2 \times 4 = \square$

d)  $\square = 2.34 \times 3$

b)  $14.3 \times 3 = \square$

e)  $11.505 \times 4 = \square$

c)  $6 \times 9.1 = \square$

f)  $9.602 \times 6 = \square$



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

# Resource 5 Maths

- 5 0.25 kg of flour is needed to make one cake.  
How much flour is needed to make four cakes?




- 6 Work out the multiplications.

a)  $7.2 \times 2 =$

$7.2 \times 4 =$

$14.4 \times 4 =$

$7.2 \times 8 =$

b)   $= 3.45 \times 3$

$= 34.5 \times 3$

$= 345 \times 3$

- 7 Amir is solving  $3.4 \times 4$



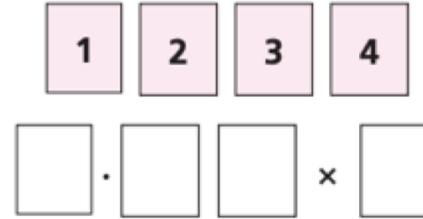
To solve this, I did  $34 \times 4$ , which was 136  
Then I multiplied my answer by 10 to get an answer of 1,360

Do you agree with Amir? \_\_\_\_\_

Explain why.

\_\_\_\_\_

- 8 Use the digits 1, 2, 3 and 4 once each to create a calculation.



- a) How many different products can you make?

- b) What is the greatest possible product?

- c) What is the smallest possible product?

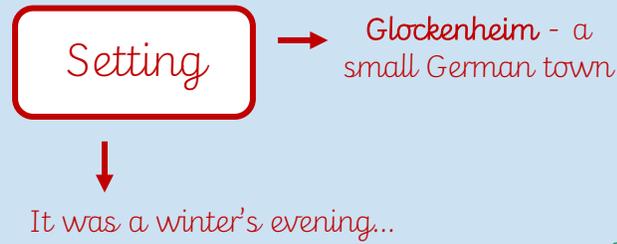
- d) What is the product closest to 12?



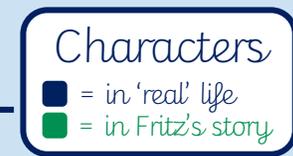
Remember to take lots of exercise and brain breaks away from your screen during the day!



# Resource 6 Clockwork working wall



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



Herr Ringlemann  
- clockmaker

- 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 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

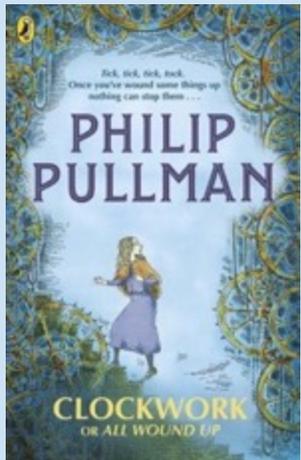
Don't forget to write a new plot update each time you read a new section!

**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!



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!

**5**

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'.

**6**

**7**

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

