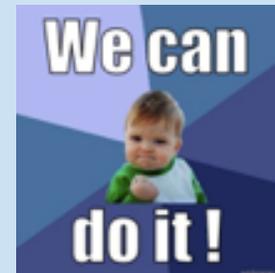




NEW VALLEY PRIMARY SCHOOL REMOTE LEARNING



Year 6
Oak



Thursday 21st January 2021

Recommended Daily Timetable

The date: Thursday 21st January 2021

21.1.21



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**

P.E.

VIPERS
Reading

Break Time

Mathematics

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



*Click here for a PE session with
Chipstead Valley's coach, Coach Oliver*



Reading

Lunch Time

English

Wider curriculum
Science

Chill time!

12 - 12.30

12.30 - 1

1 - 2

2 - 2.30

2.30 - 3

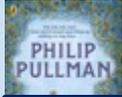
3 pm

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





Thursday
21/1/2021



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

Read pages 47-52 of your copy of Clockwork (Resources 1 & 2).

SPOILER ALERT!

Activity

The clockwork prince, who was made by Dr Kalmenius, has started to seize up and develop a mystery illness.

Draft a letter from either Prince Otto or Princess Mariposa, begging Dr Kalmenius to fix their precious child. Make your letter as persuasive as possible. Could you flatter Dr K to make him more likely to help? Make you language emotive! Could you ask some rhetorical questions? Could you offer Dr K something in return? Be creative!

Maths

This week we are studying: Decimals
Follow the links to the White Rose website to find today's lesson on: Decimals as fractions

Click Me!

Resource 4/5

[Lesson video link](#)

[Lesson activity sheet link](#)

[Today's answers](#)



Wider Curriculum

Music



Mr Shepherd has created music lessons especially for us, so we can have our music lessons like usual on a Thursday afternoon!

Assignments for New Valley 20-21

What to do: Click on the links below to complete the assignments

WEEK 1: COMPOSE YOUR OWN MUSIC WITH MUSIC EXPLORER

WEEK 2: RHYTHM



[Click this link](#) to log on to Charanga (email oak@newvalleyprimary.com if you don't know your login).

Session focus: Rhythm

In Charanga, click on 'Assignments' and then select 'Week 2' to start working your way through this week's lesson. Enjoy!

VIPERS (Reading)

Read pages 47-52 of your copy of Clockwork (or look at Resources 1 & 2).

We have moved on to 'Part 2' of the book. Set up a new page for your Clockwork working wall, or use different colours to show that this is another story within the story! Where is the setting? Who are our characters? Some of them might sound very familiar! What is the first plot update for Part 2? Have a look at Resource 6 for an example of our working wall so far.



TT Rock Stars

Practise your times tables using Times Table Rock Stars!

Click Me!



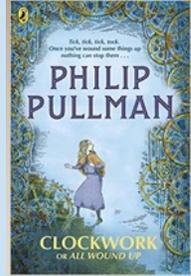
We'll go over this in our afternoon meeting tomorrow.

'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!



PART TWO

47



When Prince Otto married his Princess Mariposa, the whole city rejoiced: fireworks were lit in the public gardens, bands played all night in the ballrooms, and flags and banners waved from every rooftop.

‘At last we’ll have an heir!’ the people said, for they had been afraid that the dynasty would come to an end.

But time went by, and more time, and no child came to Prince Otto and Princess Mariposa. They sought the opinions of the finest doctors, but still no child came. They made a pilgrimage to Rome to seek the blessing of the Holy Father, but still no child came. Finally, as



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THE PRINCESS WAS CALLED MARIPOSA. SHE WAS VERY BEAUTIFUL, BUT WHAT PRINCESS ISN'T? BEING BEAUTIFUL IS THEIR PROFESSION. PRINCESS MARIPOSA SPENT MOST OF HER TIME SHOPPING. THE DRESS DESIGNERS LET HER BUY DRESSES AT HALF-PRICE, BECAUSE SHE WORE THEM AT FASHIONABLE PARTIES AND MADE THE DESIGNERS FAMOUS. IF YOU WANT TO BUY THINGS CHEAP, IT HELPS TO BE RICH, STRANGE AS IT SEEMS. POOR PEOPLE ALWAYS HAVE TO PAY THE FULL PRICE.

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Princess Mariposa stood at the palace window, she heard the chiming of the cathedral clock, and said, ‘I wish I had a child as sound as a bell and as true as a clock’; and when she had said those words, she felt her heart lift.

And before the year was out, she did have a child. But alas for her and for everyone, her labour was hard and painful, and when the baby had taken one breath in this world, he could take no more, and he died in the arms of the nurse. Princess Mariposa knew nothing of that, for she was in a dreadful swoon, and no-one could say whether she would live or die. As for Prince Otto, he was nearly out of his mind with fury. He snatched the dead child from the nurse’s arms and said, ‘I will have an heir, come what may!’

He ran down to the stables and ordered the grooms to saddle his fastest horse, and with the dead child clasped to his breast he galloped away.

Where was he going? North, and further north, until he came to the workshop of Dr Kalmenius, near the silver mines of Schatzberg.



Resource 2

English / VIPERS

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

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There it was that the great clockwork-maker created his wonders, from the celestial clocks that told the position of every planet for the next twenty-five thousand years to the little figures that danced, and rode miniature ponies, and shot tiny arrows, and played the harpsichord.

‘Well?’ said Dr Kalmenius.

Prince Otto stood in his riding-cloak with the snow still white on his shoulders, and held out the body of his child.

‘Make me another child!’ he said. ‘My son is dead, and his mother lies between life and death! Dr Kalmenius, I command you to make me a child of clockwork who will not die!’

Even Prince Otto, in his madness, didn’t believe that a clockwork toy could resemble a living child; but the silver they mined in Schatzberg was not the same as other metals. It was malleable and soft and lustrous, with a bloom on it like that on a butterfly’s wing. And as for the great clockwork-maker, the task was a challenge to his artistry that he couldn’t resist, and so, while Prince Otto buried the dead child,

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Dr Kalmenius set to work to make the new one. He smelted the ore and refined the silver, and beat it into a subtle thinness; he spun gold into filaments finer than spiders’ silk, and attached each one separately to the little head; he cast and filed and tempered, he soldered and riveted and bolted, he timed and adjusted and regulated, until the little mainspring was tight, and the little escapement on its jewelled bearings was ticking back and forth with perfect accuracy.

When the clockwork child was ready, Dr Kalmenius gave him to Prince Otto, who scrutinized him carefully. The baby was breathing and moving and smiling and even, by some secret art, warm. In every way he looked exactly like the child who had died. Prince Otto wrapped his cloak around the baby, and rode back to the palace, where he laid the child in the arms of Princess Mariposa; and the princess opened her eyes, and the joy of seeing her own child, as she thought, alive and well, brought her back from the brink of the grave. And besides, she looked so pretty with a child in her arms; she had always known she would.

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They named him Florian. A year went by, two years, three, and the little boy grew up beloved by everyone, happy and sturdy and clever. Prince Otto took him riding on a little pony, taught him to shoot a bow and arrow; he danced, he picked out tunes on the harpsichord; he grew stronger and bigger, more merry and lively all the time.

But in the fifth year of his life, the little prince began to show signs of a disturbing illness. There was a painful stiffness in his joints, he had a constant feeling of chill, and his face, which was normally so lively and expressive, was becoming mask-like and rigid. Princess Mariposa was worried to distraction, for he no longer looked nearly so handsome next to her.

‘Can’t you do something to cure him?’ she demanded of the Royal Physician.

The physician tapped the boy’s chest, and looked at his tongue, and felt his pulse. It was like no disease he had ever seen. If he hadn’t known the prince was a little boy, he’d have said he was seizing up like a rusty clock, but he could hardly say that to Princess Mariposa.

Change passive to active

4

Change these sentences from passive to active.

- 1) The tyre was changed by Tom.
- 2) The party was organised by Daisy.
- 3) The Christmas presents are being bought by Lucy and Steve.
- 4) My duvet was changed by my mum.
- 5) Some biscuits will be baked by Susan.
- 6) The meeting is being planned by the committee.
- 7) The ball was thrown by Lisa.
- 8) This logo was designed by Patrick.
- 9) The cat is being chased by the dog.
- 10) My garden is being looked after by my next door neighbour.



1) Work out $\frac{5}{11}$ of 110

2) What is $\frac{2}{9} \div 3$?

3) Write the fractions in order from smallest to greatest.

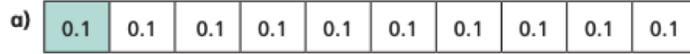
$$\frac{2}{7} \quad \frac{3}{7} \quad \frac{7}{7} \quad \frac{4}{7} \quad \frac{1}{7}$$

4) Rosie gets on the bus at 13:12
She gets off the bus at 14:02
How long was she on the bus for?



Decimals as fractions

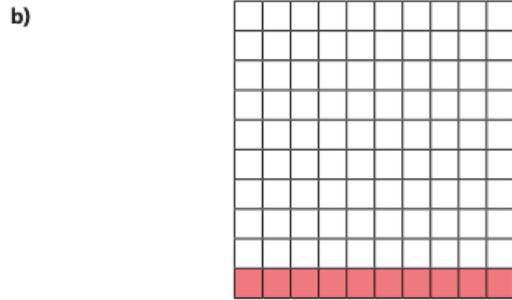
1 Complete the sentences.



The whole has been divided into equal parts.

Each part is worth

This is equivalent to



The whole has been divided into equal parts.

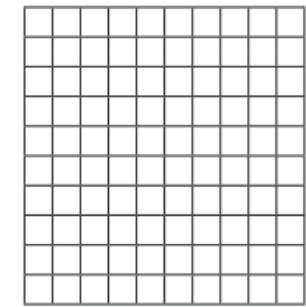
Each part is worth

parts out of are shaded.

This is equivalent to



2 a) Shade 0.17 of the hundred square.

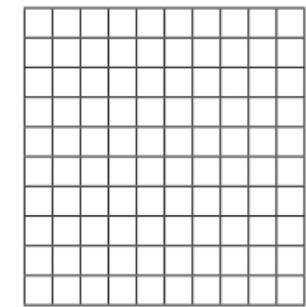


Complete the sentence.
 parts out of are shaded.

Write 0.17 as a fraction.

0.17 =

b) Shade 0.2 of the hundred square.



Complete the sentence.
 parts out of are shaded.

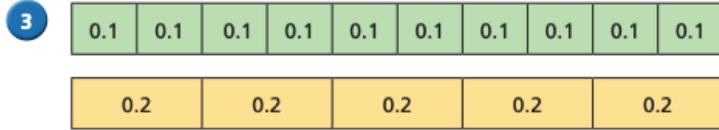
Write 0.2 as a fraction in its simplest form.

0.2 =

You don't need to print anything. Just write down how many you would have shaded!

Resource 5

Maths



Use the bar models to fill in the missing numbers.

$$0.2 = \frac{\square}{10} = \frac{1}{\square}$$

$$0.4 = \frac{\square}{10} = \frac{2}{\square}$$

$$\square = \frac{\square}{10} = \frac{4}{5}$$

4 Fill in the missing numbers.

a) $0.54 = \frac{\square}{100} = \frac{\square}{50}$

b) $0.6 = \frac{\square}{10} = \frac{\square}{5}$

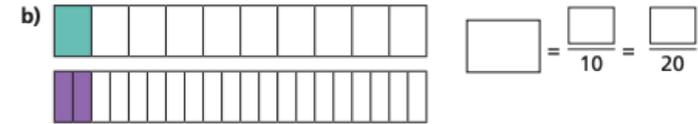
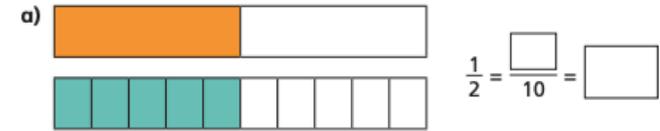
c) $0.3 = \frac{\square}{10} = \frac{\square}{100}$

d) $\square = \frac{9}{100}$

e) $\square = \frac{9}{10}$

f) $\frac{21}{50} = \frac{\square}{100} = \square$

5 Use the bar models to fill in the missing numbers.



6



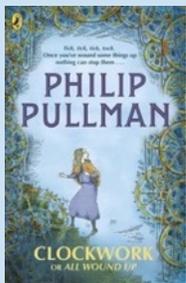
$0.3 = \frac{3}{10}$ so $0.37 = \frac{37}{10}$



Draw a diagram to show that Ron is wrong.



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



Resource 6 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.



Part 1 - Plot updates

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!