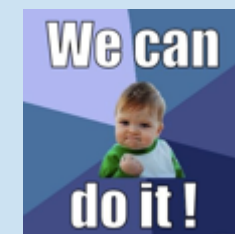




NEW VALLEY PRIMARY SCHOOL REMOTE LEARNING



Year 6
Oak



Why can't your nose
be 12 inches long?

Wednesday 3rd March 2021



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!

9 A bag of apples weighs 350 g.

A box can hold 12 bags of apples.

What would be the mass of 20 boxes of apples?

Give your answer in kilograms.

$350g \times 12 = 4,200$
so it would be **4.2**

We heard some brilliant flashbacks read out to us in our meetings too!

Ghost

- He's worried because last time he was here he was escaping and this time he thinks he breath is escaping
- He is scared but panicking but I mean who wouldn't be scared when your stuck in a stockroom and he is probably trying to escape leading to being panicked
- He is scared, for his life of course but could 'year' out of all of the world possibly for character growth because of past trauma
- He is confused because he was sure that it wouldn't just lock
- He is upset because he is probably having a panic attack and his feelings and desperation to get out is making him upset
- He has an urge to scream because he is desperately trying to get out

English: 24/Feb/2021

The nervous boy anxiously entered Mr Charles's shop, he tried not to show his emotions but he doubted himself and thought that the man in roll as his father would easily spot fear and regret in his face. He hesitantly walked towards the shelves browsing as if he had brought money, even if he did bring money it would probably only be used to buy essentials, "Was up kid?" asked Charlie, he suspected something was up but he was used to that so didn't think much of it. "You got any seeds?" Castle asked while pulling down his short jeans. He had loads of thoughts running through the back of his mind, he wondered what advise his father would of given him, what his father might of thought about this whole thing.

He heard sirens outside the shop and quickly had a gush of guilt takeover his face, he held his bag tight as if there was somebody trying to grab it. He quickly left there store with a face as scared as the bully he had just punched. He wanted to hug his father but couldn't, he didn't know what to do.

Vipers: 25/Feb/2021

- 1) Ghost didn't leave the shop because he was scared of the police were going to arrest him because he had the stolen running shoes in his bag.
- 2) Loitering means hang around for no reason or to linger in a place.
- 3) Ghost feels a sense of pride and almost a feel of loyalty. He feels that he's returned a favour to Charlie and he feels that he's really helped someone that looks out for him out.

Retrieve

1. Page 106. Why didn't Ghost leave Mr Charles's shop after buying the sunflower seeds like he usually does?

(Answer) 1. Because he thought that if he goes outside he will get arrested

2. Page 106. What does 'loitering' mean?

(Answer) 2. Loitering means just standing still and doing absolutely nothing in a shop.

3. Page 109. How does Ghost feel about helping Mr Charles out in the shop?

(Answer) 3. I think Ghost enjoyed helping because he felt as if he had helped Mr Charles especially because the shop owner is getting older

Ghost, he can run like a cheetah but his real passion is basketball

Despite everything that has happened to him he attempts to stay happy but as any kid would he couldn't keep everything piled in his head. Castle enjoyed eating sunflower seeds, it was the only thing he had in common with his dad.. (We hope)

Also He had the smallest clothes they just about fit him. but he was a good kid but sometimes he got into a fight by retaliation that leads to the fight. He has many role models although he has many, they won't always be there to help him so sometimes he has to take things into his own hands..

His main role model is Mr Charles, he is also the one who sells Ghost his sunflower seeds, that's how they know each other.

Castle wasn't the happiest kid but he wasn't the angriest either so he was in between.

The boy had no clue what was going to happen after he had made the biggest mistake of his life.

To find the number of wheels, you multiply the number of bicycles by 2

a)

Number of bicycles	1	2	5	9	12	16
Number of wheels	2	4	10	18	24	32

b)

Number of ants	1	2	5	3	4	16
Number of legs	6	12	30	18	24	96

1 Work out the missing outputs and inputs.

a)

Input	1	5	8	?
Output	9	25	4	39

9 In a function machine, if the input is 3 and the output is 12, what could the function be?

Write two different functions and complete the table of outputs for each function.

Input	3	4	5	10	20	100
Output	12	16	20	40	80	400

Input	3	4	5	10	20	100
Output	12	13	14	19	29	109

4 Calculate the inputs for the function machines.

a)

Input	36
Output	45

b)

Input	?
Output	21

c)

Input	35
Output	350

d)

Input	27
Output	9

Recommended Daily Timetable

Join our assembly
on Zoom at 8.45!



Fancy some early
morning work?



Today's Tough Ten

1	$406 \div 1 =$
2	$7 \times 0 =$
3	$215 \times 1 =$
4	$2^2 =$
5	$\frac{1}{6} + \frac{1}{3} =$
6	$1200 \times 2 =$
7	$463 - 127 =$
8	$6^2 =$
9	$71 \times 1000 =$
10	$4140 \times 5 =$

The date: Wednesday 3rd March 2021

3.3.21



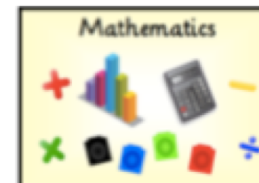
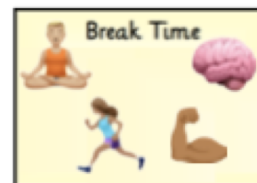
Morning

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

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

Wellbeing Wednesday!

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



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**



12 - 12.30

or

12.30 - 1

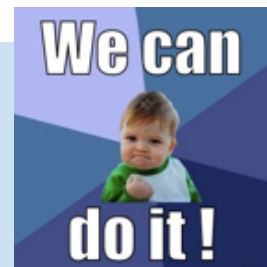
1 - 2

2 - 2.30

2.30 - 3

3 pm

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



TT Rock Stars

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



'Homework'

Have a go at the homework in Resource 6!

Has lockdown made the internet more dangerous?



English

Today we are learning to:

Use empathy
Activity

Read the section of the book in [Resource 2](#). Ghost and his mum are chilling out and chatting at home. What inner thoughts might be running through their minds, even though they're saying everything is fine. Write them in thought bubbles. Aim for at least 5 each!



We'll discuss this lesson in our morning call.



Maths

This week we are studying: [Algebra](#)
Follow the links to the White Rose website to find today's lesson on: [Forming expressions](#)

Resource 4/5

Click Me!

[Lesson video link](#)

[Lesson activity sheet link](#)

[Today's answers](#)

Click Me!

[Click here to fill in the worksheet and return it to me automatically!](#)

top tip

Keep track of our learning journey using [Resource 3!](#)

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?



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?

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

GIVE

KEEP LEARNING

Give

Give your time to someone today!
You could offer to help a family member with some chores, or tidy your room? You could read a book to a younger sibling or play with them for a while?

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-lockdown-internet>

Click Me!

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!

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



Resource 1

Ghost working wall (1/2)



CHARACTERS

Ghost – his dad was a violent alcoholic and he and his mum had to run away from him. He has a talent for running (possibly because of this incident) but loves basketball more. He is being bullied at school. He often manages to ignore it but sometimes retaliates.

Coach Brody – running coach. He recognises the potential in Ghost. Also drives a taxi.

Mr Charles – owns the shop. Ghost & his mum ran into Mr Charles's shop when they were running away from Ghost's dad. He looks out for Ghost and gives him good advice.

Other children in the running club:

Lu – a show off. Patina used to go to school with him and said he was bullied until he started running.

Sunny

Patina – she and her sister Madison are adopted.

Ghost's friends at school:

Red Griffin – Ghost has known him for a long time. He has had a difficult life too – Ghost can tell he has a lot of 'scream' in him even though they've never talked about anything bad.

Dre Anderson – Ghost met him this year. He plays basketball.

Other children in school:

Brandon Simmons – bullies Ghost about being poor. Calls him Shack.

Shamika – 6ft tall and very loud. Laughed at Ghost when he cut his trainers.

PLOT UPDATES

After taking the 'silver bullet' running shoes, Ghost heads to Mr Charles's shop. He tells him that he's not in school because people were laughing at him. To Ghost's surprise, Mr Charles tells him that he has been laughed at too. He tells Ghost to never let anyone call his life, or his dreams, 'little'.

Ghost doesn't want to leave the shop as he is nervous that the police might stop him. He offers to help Mr Charles in his shop. As he is taking some items back to the stockroom, he gets locked inside. It is the same stockroom that he and his mum hid from his dad all those years ago. He begins to panic...

When Mr Charles finally manages to let Ghost out of the stockroom, he runs to running practice, which he is late for. He is still wary of the police but puts on the stolen pair of trainers. Lu, Sunny and Patina are impressed by Ghost's shoes but Coach looks both shocked and confused. Ghost is hungry (because he ran out of school before lunch) and Coach gets them to do a long run. Ghost wonders if Coach somehow knows what he has done and is punishing him like before!

Ghost is exhausted and quickly falls to the back of the runners. The coach trails him in his car, shouting at him. Coach tells them that the team is going to go out for a Chinese dinner to welcome the newbies.



Resource 1

Ghost working wall (2/2)



CHARACTERS

Ghost – his dad was a violent alcoholic and he and his mum had to run away from him. He has a talent for running (possibly because of this incident) but loves basketball more. He is being bullied at school. He often manages to ignore it but sometimes retaliates

Coach Brody – running coach. He recognises the potential in Ghost. Also drives a taxi.

Mr Charles – owns the shop. Ghost & his mum ran into Mr Charles's shop when they were running away from Ghost's dad. He looks out for Ghost and gives him good advice.

Other children in the running club:
Lu – a show off. Patina used to go to school with him and said he was bullied until he started running
Sunny
Patina – she and her sister Madison are adopted

Ghost's friends at school
Red Griffin – Ghost has known him for a long time. He has had a difficult life too – Ghost can tell he has a lot of 'scream' in him even though they've never talked about anything bad.
Dre Anderson – Ghost met him this year. He plays basketball.

Other children in school:
Brandon Simmons – bullies Ghost about being poor. Calls him Shack.
Shamika – 6ft tall and very loud. Laughed at Ghost when he cut his trainers.

Basically...

- Ghost has had a tough life. Ghost and his mum had to run away from his violent dad.
- Ghost gets scouted by a running coach and offered a place on the team. To keep his place, Ghost isn't allowed any 'mess-up, do-overs, or altercations'. He has to keep out of trouble!
- Ghost is being bullied at school. The very next day, he gets into a fight with Brandon Simmons, who is teasing him about being poor.
- Ghost doesn't have the right running kit and is humiliated when he trips over at training.
- Annoyed, Ghost cuts the top off his high tops.
- At school, he is laughed at because of his shoes and he runs out. He ends up stealing a pair of trainers.

THE STORY SO FAR

I think A bunch of racers are going to ask why are you not wearing proper clothes. (22)

Because of Mr Charles talk with Ghost, Ghost might feel bad and want the silver bullets. (28)

Ghost shows up and says to the other boys and the other girls. He is not the same as the other boys and girls. He is not the same as the other boys and girls. He is not the same as the other boys and girls. (22)

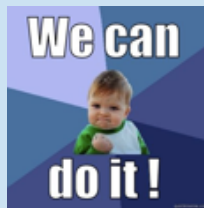
It's Ghost going to be picked on by the other boys on the team about his clothes. (22)

Patina and Lu might become friends because they both have suffered hard times. (23)

I think Brandon was suspended because he got in trouble for his friends. He told the principle about the principle bullying Ghost. (25)

Maybe Mr Charles knows that Ghost has stolen something but he keeps it a secret. (28)

THEORIES / QUERIES



Patty, to Sunny, one by one, he added, "What, y'all don't like Chinese food?"

Of course we quickly answered, "Nah, Chinese is good."

"Definitely."

"Sounds good to me."

"I'm cool with it."

Coach, with the key ring now on his middle finger, spun the keys like cowboys do with their guns on the old movies Mr Charles was always watching.

"Okay, then," Coach said. "Now give me two cooldown laps and get off my track."

At home, me and Ma had my favourite for dinner. Salisbury steak. Every time she brought it home, all I could think about was how lucky the people in the hospital were that they could get that for dinner. Salisbury steak is amazing. I don't know what exactly Salisbury is, but whatever it is, it's delicious.

"So you liking running?" Ma asked, heating the food up.

"Yeah, it's cool. It's crazy hard, but it's cool."

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"And what about the coach?" she asked. "How's he?"

"I like him," I said, plain, unsure of what she was getting at. Like I said, mums never trust people around their kids. Never ever. And Coach had just left after asking my mum if I could go to the newbie dinner, and she said I could, but the smell of Salisbury might've changed her mind just that quick. I don't know why it would've, but who really understands mums?

"You know what?" she said, popping open the microwave when it dinged. She flashed a smile at me. "I like him too."

Phew.

The homework Ma was avoiding tonight was all about how to draw blood – they call it phlebotomy – and the movie of the night was *Love Jones*, which we've seen a *bazillion* times, but my ma loves it. It's about this photographer lady and this guy who writes poems and they like each other, then they hate each other, then they love each other, and then it's over. Or something like that. I never really pay much attention. I just flip through my world records book and spout out different facts.

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"You know, there's this guy named Tommy . . . um . . . Tommy something." I couldn't pronounce his last name. "He holds the world record for pulling the most nails out of a piece of wood with his teeth."

My mother, sitting with the nursing textbook open on her lap, just shushed me and kept on watching.

"And there's this other guy," I continued, even though I knew she didn't want to hear it. Most of the time I just liked to mess with her. "His name is Wim Hof. What a name, right? Yikes. Wim Hof. Anyway, he got the record for the most amount of time spent in ice."

"In ice?" my mother asked. Must've caught her at a boring part in the movie.

"Yep. *In* it. One hour and fifty-three minutes."

"People crazy," she said, shaking her head. Then she held her hand out in front of me to let me know the boring part of the movie was now over – it was time for her to resume fanning the tears back every five minutes. Blah, blah, blah.

"Hey, you ever heard of Usain Bolt?" I

124

asked her. "He holds the record for being the fastest man."

"Cas, come on now," she begged. "They getting ready to fall in love again. You know this my favourite part."

I just shook my head and kept on flipping. The good thing was she didn't ask me about my new fancy shoes, but that's just because she didn't know about them. I changed them in Coach's cab on the way home from practise. Coach, on the other hand, definitely asked about them.

"Where'd you get 'em? That's all I wanna know," Coach said. This came after he told me that he was proud of me for not quitting today. I told him that I had no idea why he loved to torture children so much.

"Do you grill all the kids on the team like this? Or just me?" I replied, snappy.

"Just you." He slapped my arm.

I told him that my mother had gotten them for me as a way to encourage me to do the right thing and stay out of trouble. Just saying it turned my stomach, because here I was, a boy who was suspended for busting somebody

125

in the face at school one day, and skipped half the day the next because I was laughed at. Then I swiped shoes! I clearly wasn't staying out of trouble. Matter fact, I was knee deep in it.

"Oh . . . okay," Coach said, but I could tell he didn't believe me. I wouldn't have. He could probably see it on my face, especially since just like him, I didn't have no hair on it to disguise it either. And honestly (yes, honestly), I couldn't even believe that I had just lied like that. I wasn't really the lying type. But I also wasn't the stealing type until a few hours earlier. Altercations, altercations, altercations!

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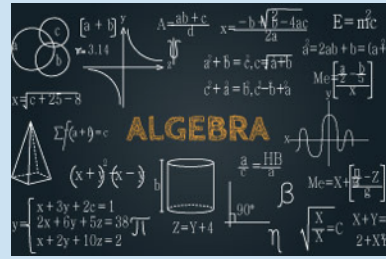




Resource 3

Maths

working wall



ALGEBRA

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



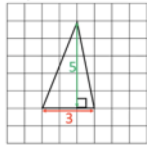
What is algebra?

Algebra is used in Maths when we **do not know** the exact number(s) in a calculation.

In algebra we use **letters** to represent unknown values or values that can change.

It's nothing new! We've already used lots of algebra when we were looking at area!

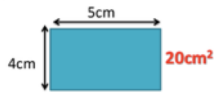
Each square represents 1 cm²



Area of a triangle = $\frac{1}{2} \times \text{Base} \times \text{Perpendicular height}$

$$7.5 \text{ cm}^2 = \frac{1}{2} \times 3 \times 5$$

AREA of a RECTANGLE



Area = Width x Height

Where is algebra used?

Algebra is commonly used in formulas when we do not know at least one of the numbers, or when one of the numbers can change.

Mathematical formulas

For example, the formula for the area of a rectangle is $b \times h$ (b is the **base** and h is the **height**.) If the base was 3 cm and the height was 7 cm, then the area would be 21 cm².

A different rectangle could have a base of 4 cm and a height of 10 cm. The area for this would be 40 cm².

As the values for the base and height can be changed, we can use algebra to represent the formula.

Finding a rule



Dora is completing the table.

She's trying to find a rule to help her find the number of legs 60 dogs would have altogether.



Number of dogs	1	2	3	4	5	60
Number of legs	4	8	12	16	20	

Input

5

$\times 6$

Output

30

27

$+ 9$

36

?

$- 3$

46

What if the input was a different number?
What would the output be?

Click Me!

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

Finding a rule (two step)

A function machine is a way of writing rules.

Input

3

$\times 2$

$+ 1$

Output

?

If you are giving the output and have to work out what the input is, work backwards and use the **inverse**!

?

$\times 2$

$+ 1$

11

$\div 2$

$- 1$

True or False

These function machines will give the same output if the input is the same.

Input

$\times 4$

$\times 6$

Output

$\times 2$

$\times 12$

Click Me!

True! You are multiplying both inputs by 24!

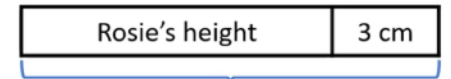
[Click here](#) to recap the lesson video!

Forming an expression

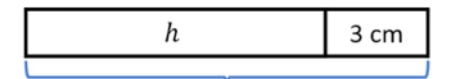


Rosie grows 3 cm

How could we represent what has just happened?



Rosie's new height



Rosie's new height

We could use the expression... $h + 3$

We can use any letter to represent an unknown number!



$x + x + x + x$

or

$4x$

What if... $x = 10$?



Click Me!

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

Resource 4

Maths

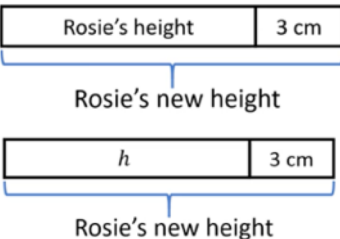
Click Me!

[Click here to fill in the worksheet and return it to me automatically!](#)

Forming an expression

Rosie grows 3 cm

How could we represent what has just happened?



We could use the expression... $h + 3$

We can use any letter to represent an unknown number!









What if... $x = 10$?

Forming expressions

- 1 Tommy uses multilink cubes to represent an unknown number and base ten ones to represent 1



Write algebraic expressions to describe the sets of cubes.
The first one has been done for you.




- a)  $2x + 3$
- b)  _____
- c)  _____
- d)  _____
- e)  _____
- f)  _____
- g)  _____
- h)  _____

Rose Maths

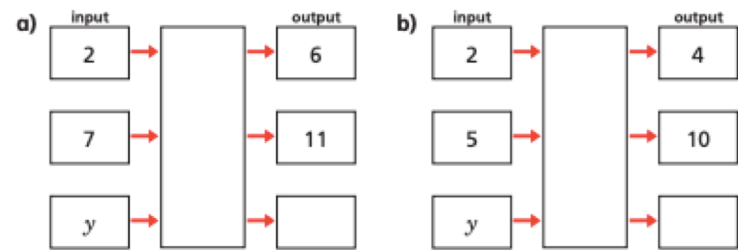


- 2 Use Tommy's method to represent these expressions.
- a) $x + 2$ c) $3x + 1$
b) $2x$ d) $x + 6$
- Compare answers with a partner.

- 3 Use cubes to help you simplify the following expressions.
The first one has been done for you.

- a) $2y + 5 + y$  $3y + 5$
- b) $3a + 2 + a + a$  _____
- c) $6p + 2 - 2p$  _____
- d) $m + 4 + 3m - 3$ _____

- 4 Complete the function machines.



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

Resource 5

Maths



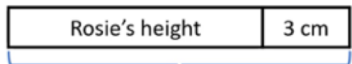
[Click here to fill in the worksheet and return it to me automatically!](#)

Forming an expression



Rosie grows 3 cm

How could we represent what has just happened?



Rosie's new height



Rosie's new height

We could use the expression... $h + 3$

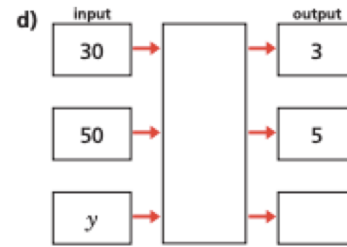
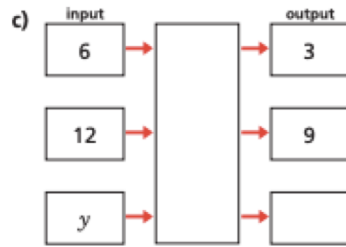
We can use any letter to represent an unknown number!



or

$4x$

What if... $x = 10$?



5 Match each statement to the equivalent algebraic expression.

Write the missing statements.

5 more than y

$2y$

y less than 5

$y - 5$

y multiplied by 5

$5 - y$

y divided by 5

$y + 5$

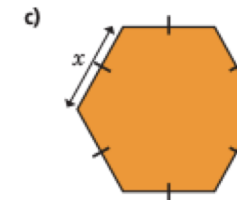
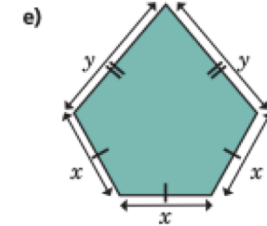
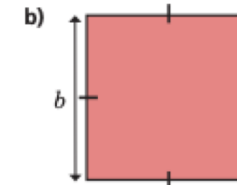
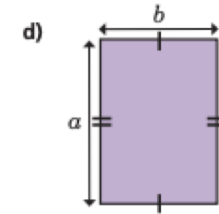
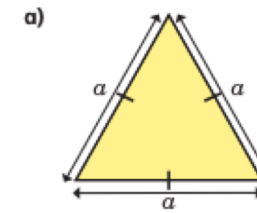
double y

$5y$

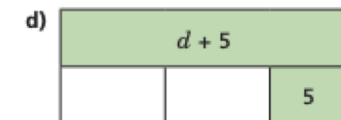
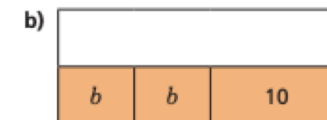
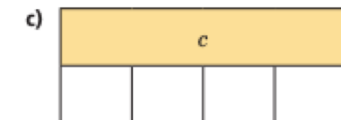
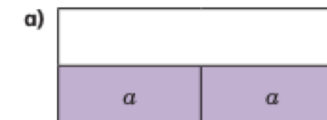
y^2

$\frac{y}{5}$

6 Write an algebraic expression to represent the perimeter of each shape.



7 Complete the bar models.



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



Write

Have a go at learning these spellings.
You'll get a new set on Wednesdays!

Weekly

Spellings

achieve

bargain

controversy

disastrous

foreign

interfere

nuisance

programme

secretary

temperature

NEW

Weekly

bruise

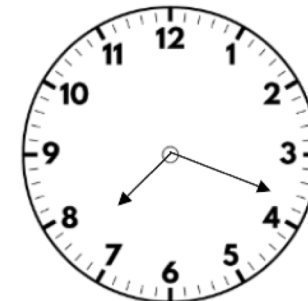
category

cemetery

committee

Flashback 4

Year 6 | Week 5 | Day 3



1) What is the output if the input is 12?



2) Work out 40% of 60

3) What is the 4 worth is 6.145?

4) Write down two factors of 20

daily

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!



Resource 7

Fairtrade Fortnight



It is Fairtrade Fortnight.

This Fairtrade Fortnight we are thinking about what we want the world to be and the ways in which we can make choices to shape the world.

What is 'a choice'?

Having a choice means the right or possibility of choosing between different things. In your choices, you get to weigh up the good things and bad things about the options.

To make a choice that is good for us, we need to know a bit about what our options are. But the choices we make don't just affect us. Many of our choices will have an effect on other people. Sometimes they will have a big effect. Today, you have already made choices that impact the lives of many other people around the world.

The things we buy and enjoy have a big effect on the lives of other people. Everything we eat, wear, play with has been grown or made by someone somewhere, and the products we buy will make a difference to the sort of life those people have.

Click on the video below to help you think about how you can make a difference in the world through the small choices you make every day.

Click Me!

[Video link](#)

Change the world through your choices



It is up to all of us every day to make good choices, that help to create the world we want.

<p>Create a Fairtrade farm in a shoe box! What Fairtrade product is growing on your farm?</p> <p>You will need:</p> <ul style="list-style-type: none"> □ A shoe box □ Junk/recycled materials □ Drawing materials and paints □ Inspiration from Fairtrade farmers 	<p><u>Share your vision of the world you want</u></p> <p>Create your vision for the world you want, for the planet and everything on it. Share your artwork, prose, poem or film by emailing schools@fairtrade.org.uk with your name and age.</p>	<p>Cocoa trees grow in countries with tropical climates.</p> <p>Find out what fruit trees grow in the UK. With an adult, make a plan to grow your own!</p>
<p>Congratulations! You are the Head Chef at the 'Choose the world you want' restaurant.</p> <p>Design a delicious menu that makes a difference in the world.</p>	<p>CLIMATE, FAIRTRADE AND YOU</p> <p>Home learning grid for primary schools</p>	<p>Talk about it!</p> <p>Tell a family member or friend about Fairtrade and the difference it makes to people and the planet.</p>
<p>The choices that we make can affect the planet and the people that live on it in positive and negative ways.</p> <p>Make a choice that is positive for people and planet today! Write a sentence explaining your choice.</p>	<p>Bake a difference.</p> <p>With an adult, bake or cook using at least one Fairtrade ingredient. Decorate your creation with the FAIRTRADE Mark!</p>	<p>Use Google Maps or an atlas to travel around the world! Can you find a country where cocoa grows?</p> <p>Check the temperature in that country today. What was the temperature in that country 50 years ago? Has it changed?</p>

Activity:

Choose one of the activities from the home learning grid above to complete with someone at home.

