

Monday 29th September

Morning Challenge

Spelling Rule Focus

Ambitious Synonyms: Adjectives

aggressive

hostile

awkward

obstinate

desperate

frantic

disastrous

calamitous

marvellous

spectacular



Challenge – What is the definition of each spelling word? Can you use it in a sentence that also contains commas in a list?

29.09.25

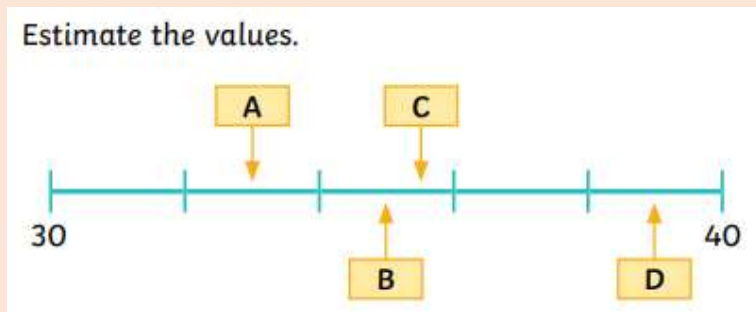
TBAT: find the value of numbers algebraically.

3 in 3

1. $\frac{2}{5} + \frac{2}{15} =$

2. $34 \div 10 =$

3.



What's my number? I squared a number, then added 15 then doubled it. My final number was 80. What number did I begin with?

[Daily 10 - Mental Maths Challenge - Topmarks](#)

29.09.25

TBAT: find the value of numbers algebraically.

$$18 + \underline{\quad} = 34$$

$$17 + \underline{\quad} = 35$$

How many pairs of numbers can you think of to satisfy this calculation?

$$***a + b = 10***$$

29.09.25

TBAT: find the value of numbers algebraically.

What is the value of a ?

$$23 + a = 31$$

$$37 + a = 43$$

How many pairs of numbers can you think of to satisfy this calculation?

$$a \times b = 24$$

29.09.25

TBAT: find the value of numbers algebraically.

Which function machine does not show the correct expression?

$$n \longrightarrow \boxed{\div 3} \longrightarrow \boxed{+ 4} \longrightarrow n \div 3 + 4$$

$$o \longrightarrow \boxed{\times 2} \longrightarrow \boxed{+ 7} \longrightarrow 2o + 7$$

$$p \longrightarrow \boxed{\times 3} \longrightarrow \boxed{+ 2} \longrightarrow p \times 3 + 2$$

What is the value of n ?

$$n \div 2 = 4.5$$

29.09.25

TBAT: find the value of numbers algebraically.

What is the value of n ?

$$4n = 20$$

$$5n = 30$$

Complete the equation below to match the information.

Tana has some build blocks. She finds 17 more.

She has 28 blocks altogether.

$$b + \boxed{} = \boxed{}$$

29.09.25

TBAT: find the value of numbers algebraically.

If $a = 4$, find two possibilities for b if the answer is greater than 10 and less than 20.

$$a \times b = ?$$

Which set of values is the odd one out?

$$r \times s = 42$$

$$\begin{array}{l} r = 7 \\ s = 6 \end{array}$$

$$\begin{array}{l} r = 3 \\ s = 14 \end{array}$$

$$\begin{array}{l} r = 13 \\ s = 4 \end{array}$$

29.09.25

TBAT: find the value of numbers algebraically.

$3a = 12$	$a =$
$30 = 5b$	$b =$
$8c = 72$	$c =$
$48 = 12d$	$d =$
$20 = 4h + 4$	$h =$
$6x = 42$ and $xk = 21$	$k =$

RP – If $a = 6$ and $b = 2$, what would the answer be if I had $(a + a) \div b$?

Challenge

Rhys knows that he can use inverse operations to find the value of x in each equation.



$8 - 3 = x$
so in the
first equation
 $x = 5$.

Use inverse operations to find the value of x in the other two equations. Show your working out.

?

+1

+1

+1

+1

+1

+1

+1

+1

+1

+1

+1

+1

=

?

+1

+1

+1

+1

+1

+1

+1

+1

+1

+1

=

Mastery Challenge

Rhys and Nishi have created their own number riddle expressions.



I think of a number and divide it by 5.

I think of a number and add 15.



- a) Rhys and Nishi are both thinking about the same number. Rhys's answer is 9. What is the answer to Nishi's number riddle?
- b) Do you think it would be possible for Rhys and Nishi to think of the same positive number and get the same answer? Explain your reasoning.

Mastery with Greater Depth

'n' stands for a whole number.

$n + 6$ is greater than 90.

$n - 6$ is less than 80

Find all the numbers that 'n' could be

Monday 29th September

TBAT: understand the author's choice of language

3 in 3

This was it! Surely, this was where the hoard had been hidden. With mounting excitement, they clawed away at the soil on the ground directly below the portrait of Count Vasser. Soon their fingers found a square slab about half a metre across. As they blew away the remaining dirt, an inscription was revealed, carved into the stone. 'To the thieves that seek to steal what is mine, remember this: when it comes to gold and jewels, nothing is beneath me!'

But the men simply laughed. They were not daunted by threats and curses from centuries ago. Using an iron bar as a lever, they carefully lifted the heavy trap door.

1. Which word in the first paragraph means:

- A store of valuable objects.

2. Which word in the first paragraph means:

- A short amount of writing on a monument or book.

3. Which word or words suggest that the trap door was hard to open?

Monday 29th September

TBAT: understand the author's choice of language

How do you think Kensuke felt when he found out Michael was still building fires?

How do you think Michael felt when he saw the supertanker on the horizon?

Challenge

How long has Kensuke been on the island? How do you know?

Monday 29th September

TBAT: understand the author's choice of language

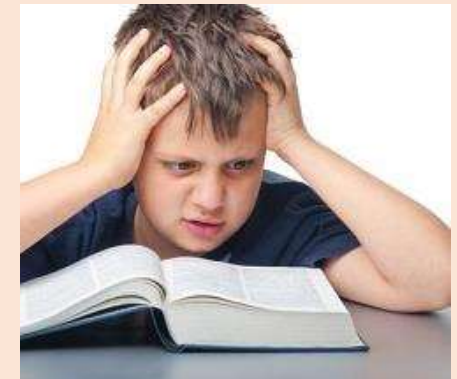
Words we will find in the text

Nuisance - a situation or behaviour that is annoying, bothersome, or inconvenient.

Responsibility – doing the tasks and duties that are expected of them and accepting the outcomes of their actions.

Frustrating - something makes them annoyed, upset, or angry.

Ordered – to be bossed around or told to do something.



Monday 29th September

TBAT: understand the author's choice of language

Focus 1.

Retrieve

1. How did Michael feel when he was told to stick to his side of the island?
2. What did Kensuke remind Michael he needs to do?
3. What is the name of Kensuke's son?

Multiple Choice

1. What does Kensuke want to do for the island?

protect it

keep it for himself

annoy it

let the jungle grow

2. How does Michael describe Kensuke?

angry

understanding

funny

strict

Challenge

What is meant by the word understanding? Can you define it?

Monday 29th September

TBAT: understand the author's choice of language

Focus 2.

Author's Choice of language

- 1. Find a phrase that uses an informal tone. Explain why you think this.
- 2. 'I felt ... annoyed.' Why do you think the author chose to use an ellipsis here?
- 3. 'This island is as much mine as it is his.' Why do you think the author chose to end the entry with this phrase?
- 4. Find a piece of parenthesis. Why is this included in the entry?
- 5. 'I'll stay on 'my side' for now. Why has the author put quotation marks around 'my side'?

Challenge

Rank these sentences from Michael's entry in order of importance. Justify your chosen order.

'And it made my chest tighten.'	
It's like a giant, wild playground.	
'There's more to him than just a grumpy old man shouting rules.'	
"You stay there! You stay your side!"	

Mastery – Why has the author chosen to finish the entry with: *'I can't help hoping that one day, he'll stop seeing me as a nuisance and start seeing me as a friend.'*?

Dear Diary,

Today has been one of the strangest and most frustrating days since I washed up here. I thought that maybe, just maybe, I had finally found a friend on this island. Instead, I found Kensuke — an old man who has been living here for years. At first, I was excited. I haven't spoken to anyone in so long, and I hoped we could work together. But things didn't turn out quite the way I imagined.

When we met properly, Kensuke pointed at me, then at the beach, and said, "*You stay there! You stay your side!*" I felt... annoyed. This is an island, not a playground with invisible lines painted down the middle! I wanted to shout back that *this island is as much mine as it is his*. I didn't choose to be stranded here, and it felt unfair that he was trying to boss me around. Still, he kept shaking his head, refusing to listen. It was like he'd already decided how things were going to be, and nothing I said would change his mind.

Kensuke reminded me over and over that I needed to follow his rules: keep to my own side of the island, don't light fires on the beach, and respect the jungle. I suppose he wants to protect it, almost like it's alive. In fact, I think he sees the island as his responsibility, something he needs to guard, maybe because he's been here for so long. It's like a giant, wild playground to me, but to him, it's home.

Later, when he finally trusted me enough to talk a little more, I learned something about his past. Kensuke once had a family in Japan. He told me his son's name is Michiya. The way his voice changed when he spoke about him made my chest tighten. I could see sadness written all over his face, like a shadow that's never left him. Perhaps that's why he clings so tightly to the island — it's all he has left.

Even though I still feel cross about being told to stay on "*my side*", I'm beginning to understand him a little more. He seems strict, yes, maybe even angry at times, but underneath that, there's something else. He's careful, protective, and maybe even lonely. I'll admit, I don't really like being ordered around, but I can't stop thinking that there's more to him than just a grumpy old man shouting rules.

So, for now, I'll stay on "*my side*" of the island, even if it feels unfair. I can't help hoping that, one day, he'll stop seeing me as a nuisance and start seeing me as a friend.

Michael

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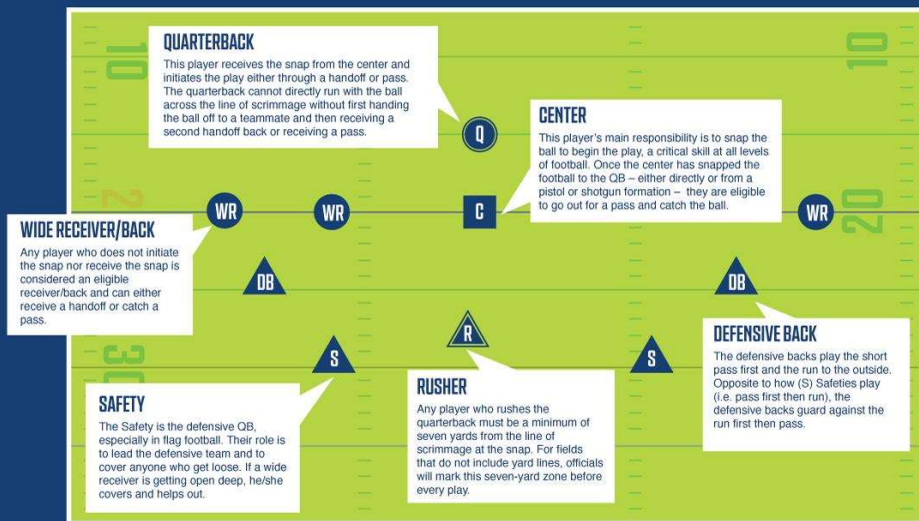
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Michael

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TBAT: find the best body position to tag an opponent

OFFENSE vs DEFENSE



NFL FLAG PLAY BOOK

SCORING:

- Touchdown = 6 points
- One (1) point after touchdown (PAT) from the 5-yard line. Must be a passing attempt. = 1 Point
- Two (2) points after touchdown (2PAT) from the 12 yard. Can be either a running or passing attempt. = 2 Points
- If a defender intercepts a PAT or 2PAT pass and returns it to the opposition endzone. (PAT return) = 2 points.
- A safety occurs when the ball carrier is ruled down within their own endzone. A ball carrier is ruled down by being tackled, a flag falling out, stepping out of bounds or fumbling the ball.

DEFENDING:

- A legal flag pull takes place when the ball carrier is in full possession of the ball.
- Defenders can leave the floor and dive to pull the ball carriers flag but cannot impede, hold or hit the ball carrier.
- It is illegal to attempt to strip or hit the ball out of the ball carrier's possession at any time.
- Interceptions are returnable for touchdowns and for 2 points on both PAT and 2PAT attempts.
- Once the quarterback has lowered their hands (simulating a handoff) the defence are able to cross the line of scrimmage and tackle offensive players. This is the only time a quarterback can be sacked.



Monday 29th September

TBAT: know strategies to protect 'digital personality' and online reputation, including degrees of anonymity.

What is your 'digital personality'?

Is it the same as digital footprint?

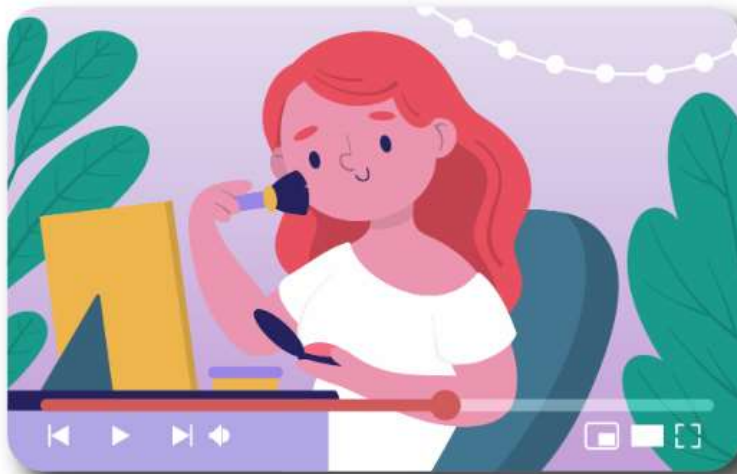
Do people always get the right opinion of us from the information we share online?

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You are about to meet 4 vloggers – give each one an online positive relationship

MakeupSarah15



Loves: Makeup tips and styling

Followers: 9k

Online personality traits:

Fun, chatty, little quirky.
Has been known to make unkind comments about other vloggers and their tips.

Ongoing bitter dispute with rival.

Poor ☆☆☆☆ Great

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Bookwormkid



Poor



Great

Loves: reviewing the latest books

Followers: 120k

Online personality traits:

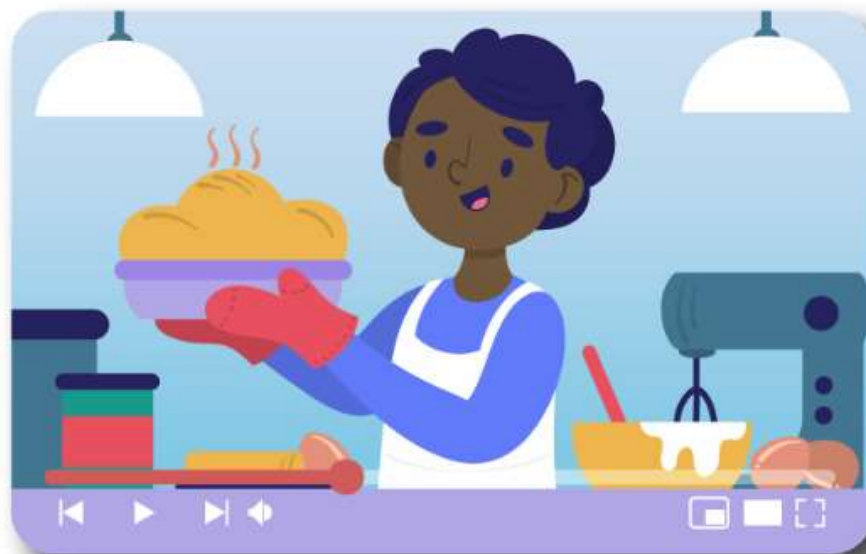
Serious, polite, enthusiastic.

Loves all kinds of publications. Compliments other vloggers and signposts to other vloggers and their work.

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cookupastorm



Poor



Great

Loves: cooking, sharing recipes

Followers: 70k

Online personality traits:

Passionate about food, opinionated.

Recently lost a lot of followers because of comments about food from certain countries. Prone to swearing.

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TBAT: know strategies to protect 'digital personality' and online reputation, including degrees of anonymity.

greenfingers65



Poor ☆☆☆☆☆ Great

Loves: all things gardening, growing her own

Followers: 250k

Online personality traits:
Calm, gentle, loves replying to tweets.
Has created her own charity and supports schools and children in inner cities.

PROJECT

You have made judgements about fictional characters in the same way that others will make judgements about you based on your online behaviours.

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Posting



Tilly has just watched a video about climate change. It really irritated her.

She's decided to write a comment about why the video is wrong.

But the platform says she must create an account first.

She's hoping her usual username isn't taken.

**What
things
should
Tilly
consider?**

PROJECT

Monday 29th September

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Sharing



Charlie is in love!
She's going to confide in her
best friends on the group
chat.

It's encrypted, so no-one
else can see.

And all the messages
disappear after a few days
anyway.

**What
should
Charlie
think
about?**

Monday 29th September

TBAT: know strategies to protect 'digital personality' and online reputation, including degrees of anonymity.



Justin is fed up with seeing
an advert for red football
boots online.

He shopped online for some
boots at the weekend. He
bought a white pair.

But now this advert is
following him all over the
internet - on social media,
websites, everywhere!

**How did this
happen?**

**What can Justin
do about it?**

PROJECT

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[What do we mean by 'digital footprint'? How much information does the internet know about you? - Own It - BBC](#)

Who owns your online information?

Why do platforms and apps want to collect your information?

Why will my digital footprint be important in 10 years?

How can I make sure my digital footprint is not a problem?

Does it matter if companies track what we do online? Explain your reasoning.