

10.03.23

Perimeter of a rectilinear
shape

Fluency: Chinese Chanting

One nine is nine

Two nine is eighteen

Three nine is twenty-seven

Four nine is thirty-six

Five nine is forty-five

Six nine is fifty-four

Seven nine is sixty-three

Eight nine is seventy-two

Nine nine is eighty-one

Nine ten is ninety

Nine eleven is ninety-nine

Nine twelve is one hundred and eight

Recall

$$1) 4 \times 2 \times 7 = \underline{\quad} \times 7$$

$$2) 14 \times 4 = \underline{\quad}$$

$$3) 8 + \underline{\quad} = 3 + 8 + 3$$

$$4) 15 + 2 + 3 = 15 + \underline{\quad}$$

Multiplication practice:

$$8 \times 5 =$$

$$7 \times 6 =$$

$$2 \times 12 =$$

$$9 \times 11 =$$

$$4 \times 7 =$$

$$6 \times 9 =$$

$$64 \div 8 =$$

$$49 \div 7 =$$

$$121 \div 11 =$$

$$27 \div 3 =$$

$$32 \div 6 =$$

$$84 \div 12 =$$



Key Vocabulary



Kilometre (km)
Metre (m)
Centimetre (cm)
Millimetre (mm)
Height
Length
Width
Perimeter
Rectangle

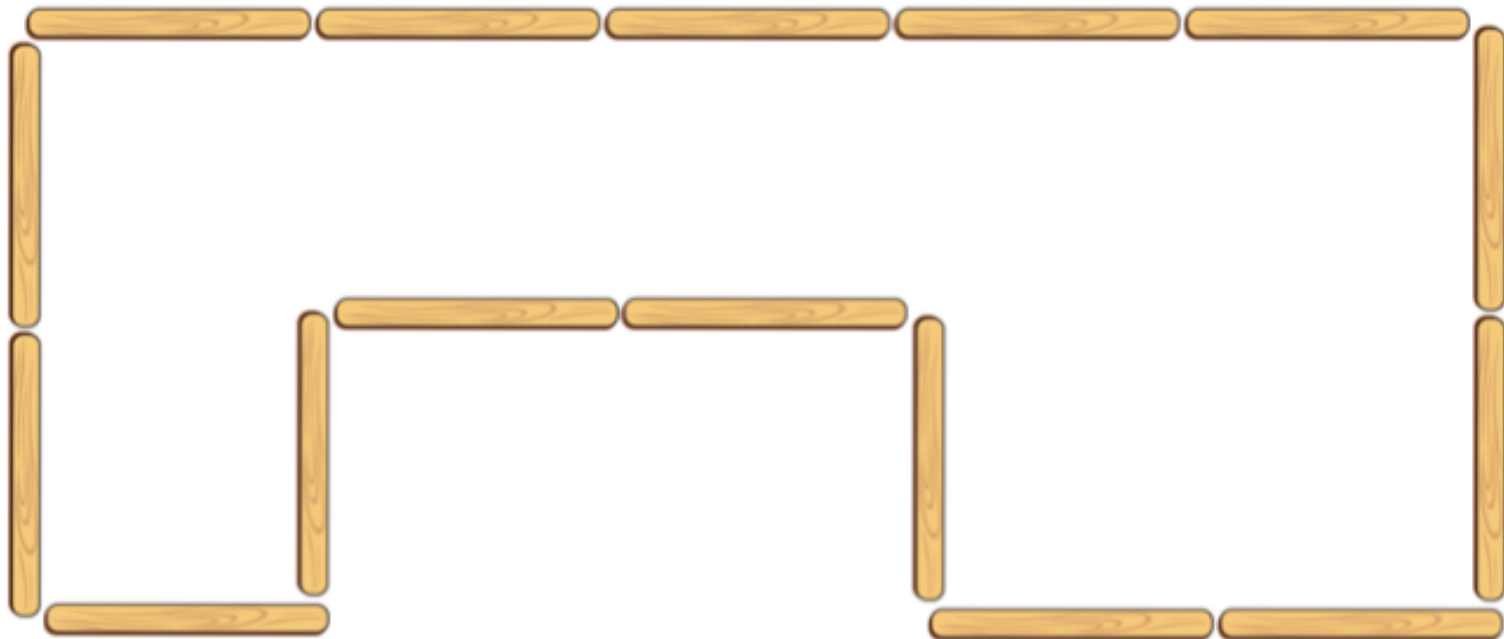
Rectilinear
Right angle



Anchor Task: True or false?

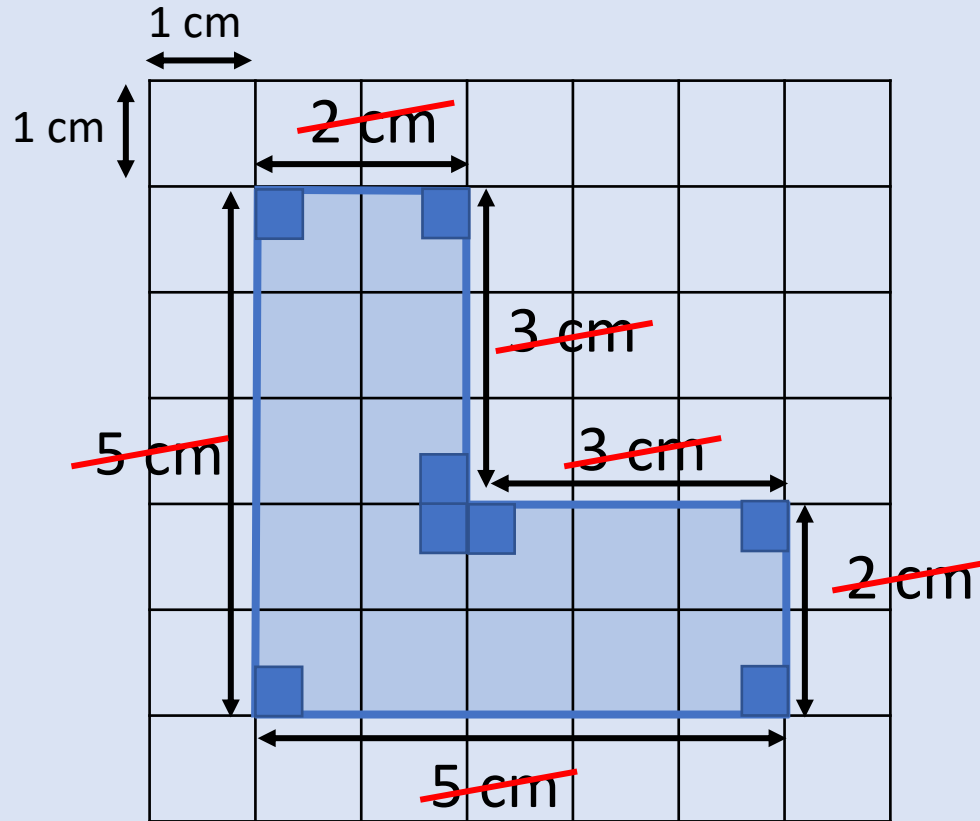
True or False ? Perimeter of rectilinear shapes

If each lolly stick measures 10 cm, the total perimeter of this rectilinear shape is 160 cm.



Guided Practice:

Work out the perimeter of the rectilinear shape.



A rectilinear shape has straight sides that meet at right angles.

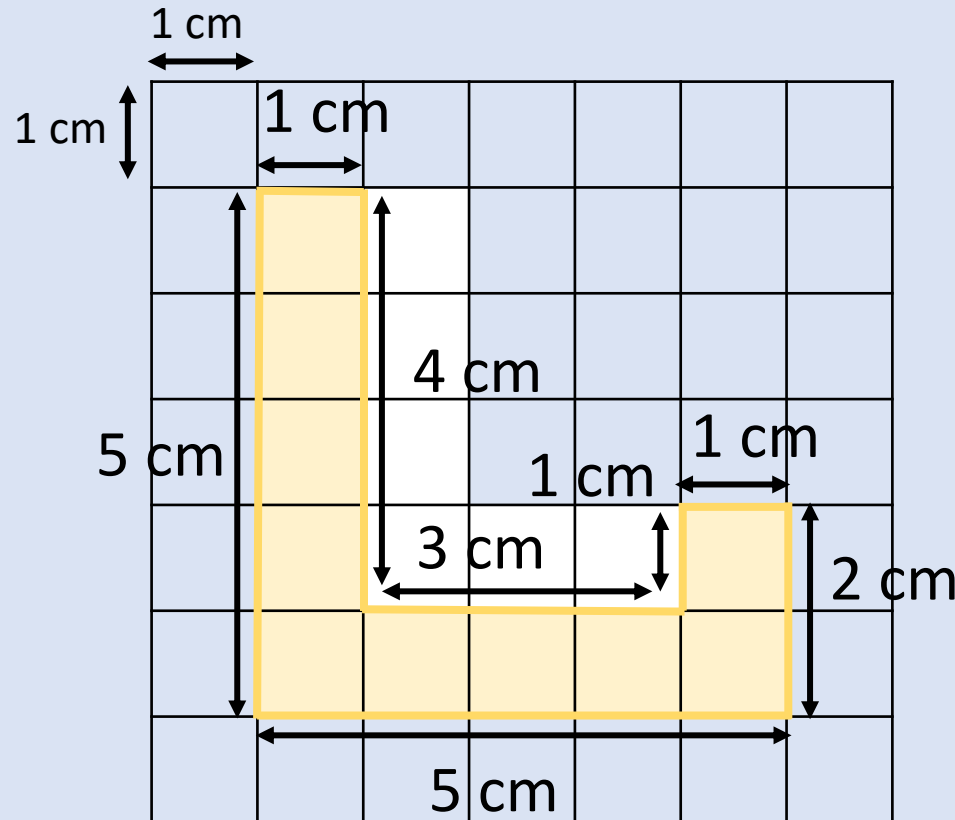
Stem sentence

This shape has _____ sides, so I need to add together _____ lengths to find the perimeter.

$$2 \text{ cm} + 3 \text{ cm} + 3 \text{ cm} + 2 \text{ cm} + 5 \text{ cm} + 5 \text{ cm} = 20 \text{ cm}$$

Guided Practice:

Work out the perimeter of the rectilinear shape.



Finished?
Explain how you know this is a rectilinear shape.

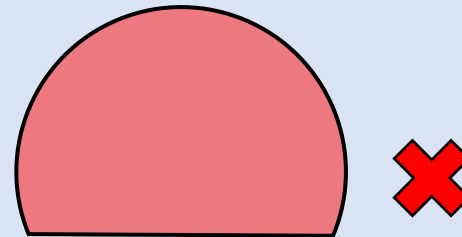
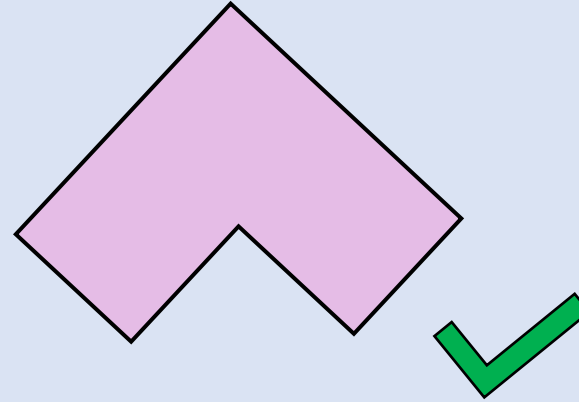
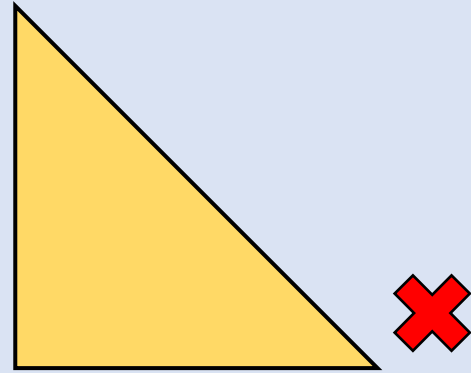
Stem sentence

This shape has _____ sides, so I need to add together _____ lengths to find the perimeter.

$$1 \text{ cm} + 5 \text{ cm} + 4 \text{ cm} + 3 \text{ cm} + 5 \text{ cm} + 1 \text{ cm} + 2 \text{ cm} + 5 \text{ cm} + 5 \text{ cm} = 22 \text{ cm}$$

Guided
Practice:

Tick the rectilinear shapes.



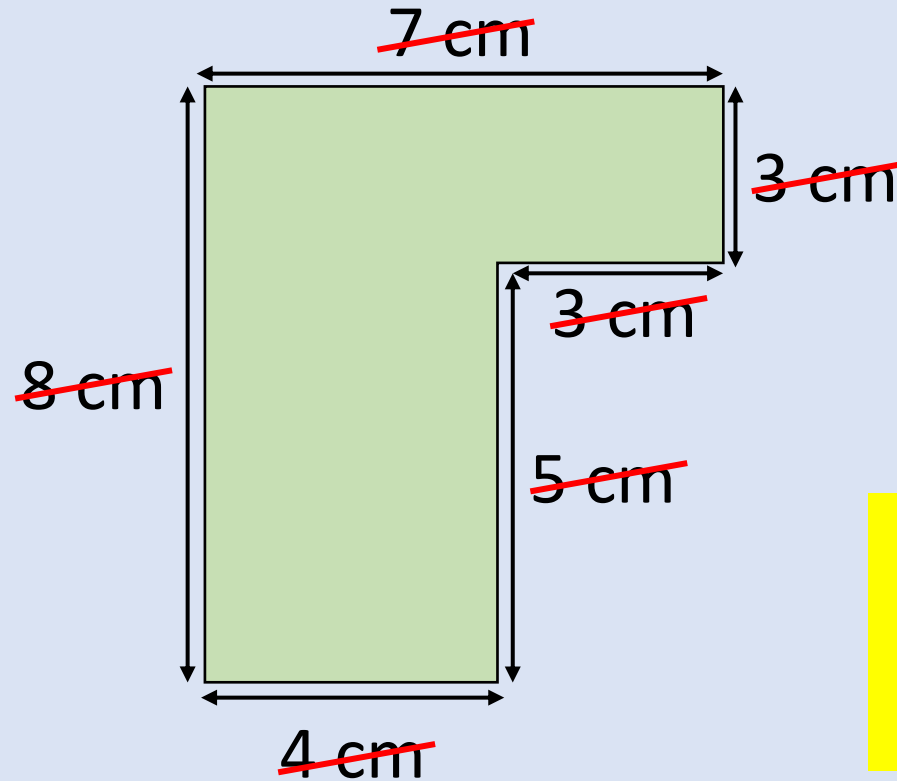
Finished?
Draw your
own shape
and ask your
partner to
decide if it is a
rectilinear
shape or not.

Have a think



Guided Practice:

Work out the perimeter of the rectilinear shape.



Finished?
Draw your own
rectilinear
shape and
work out its
perimeter.

Stem sentence

This shape has _____ sides, so I
need to add together _____
lengths to find the perimeter.

$$7 \text{ cm} + 3 \text{ cm} + 3 \text{ cm} + 5 \text{ cm} + 4 \text{ cm} + 8 \text{ cm} = 30 \text{ cm}$$

Guided Practice:

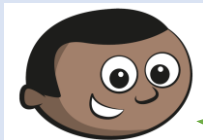
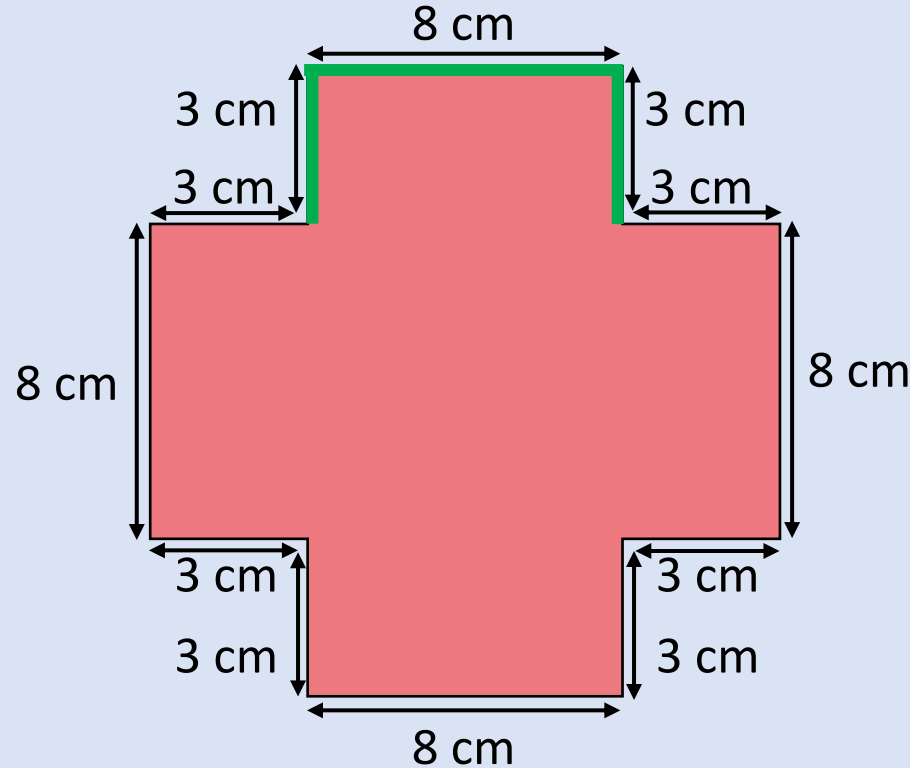
Work out the perimeter of the rectilinear shape.



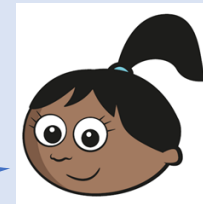
Finished?
Draw your own rectilinear shape and work out its perimeter.

Stem sentence

This shape has _____ sides, so I need to add together _____ lengths to find the perimeter.



$$14 \text{ cm} \times 4 = 56 \text{ cm}$$

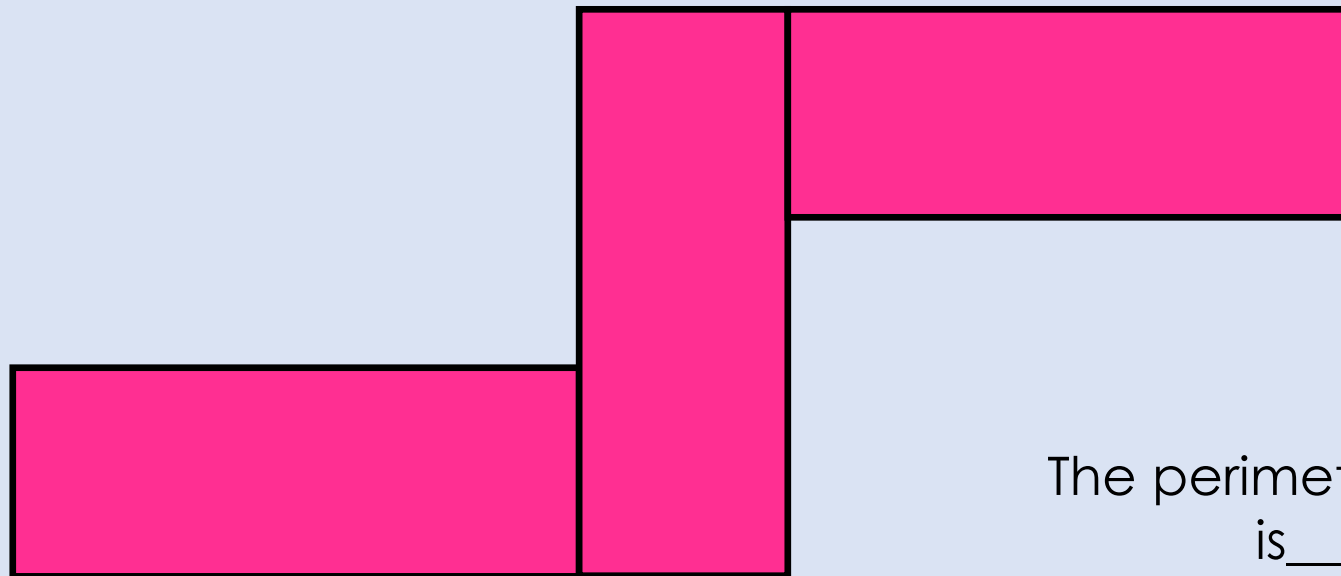


Guided
Practice:

Jack has some rectangles that are all the
same size.



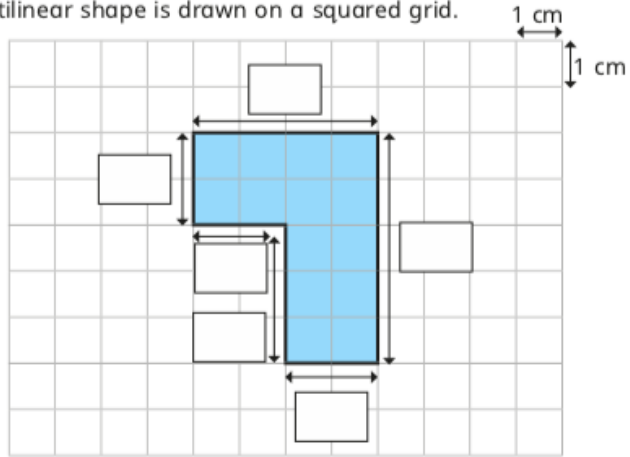
He makes this shape using the rectangles. What is the perimeter of his shape?



The perimeter of Jack's shape is _____ cm.

Independent Practice: Glue in and complete the questions.

2 A rectilinear shape is drawn on a squared grid.



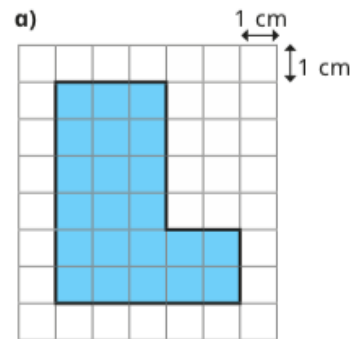
a) Label the side lengths on the shape.

b) How many side lengths do you need to add together to find the perimeter of the shape?

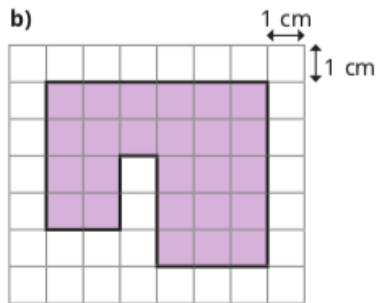
How do you know?

c) What is the perimeter of the shape?

3 Work out the perimeters of the shapes.

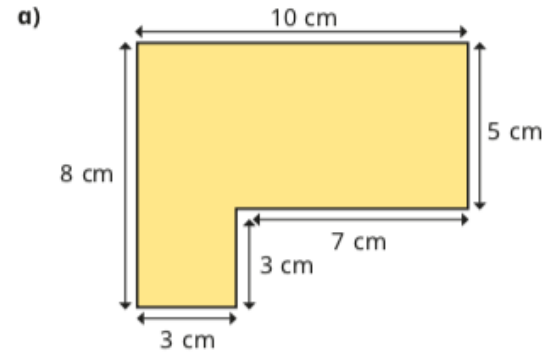


cm

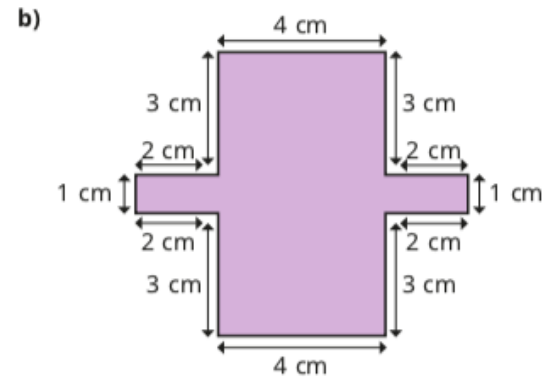


cm

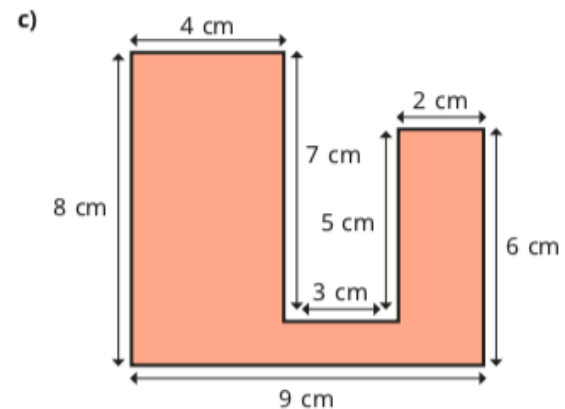
4 Work out the perimeters of the shapes.



cm



cm



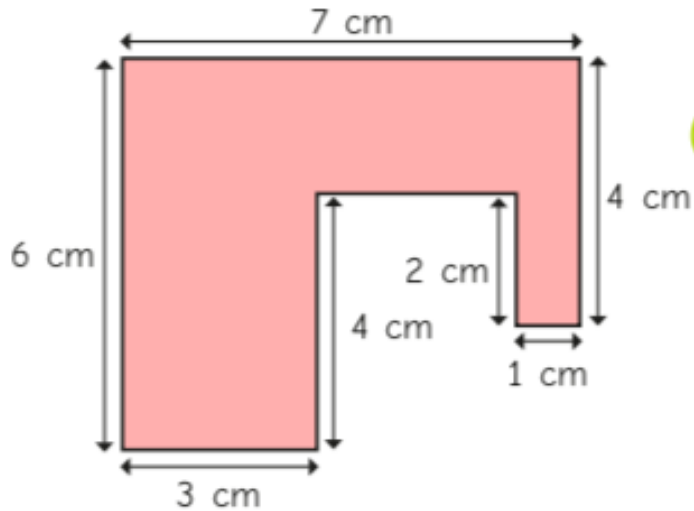
cm

Independent Practice:

Deepen it:



Tiny has worked out the perimeter of this shape.



The perimeter is 27 cm.



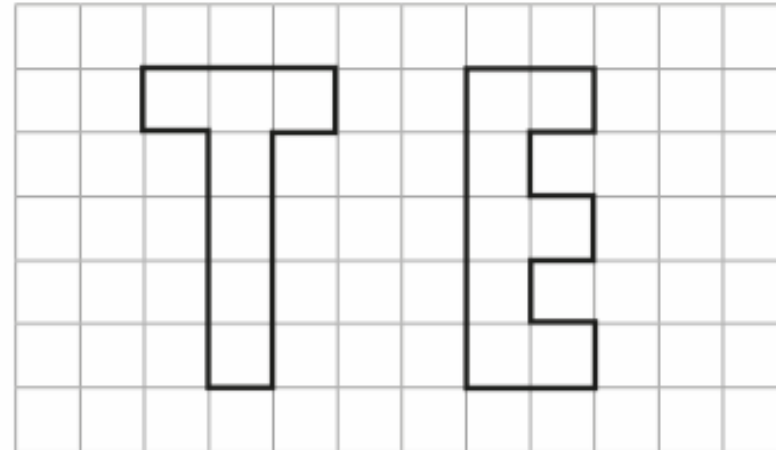
What mistake has Tiny made?

Even deeper:



Ron has drawn some letters on a grid.

Which letter has the greater perimeter?



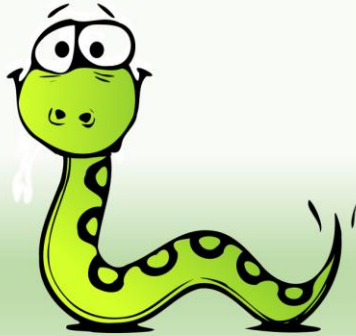
Something to think about:

Draw your own rectilinear shape and find the perimeter of it.

Friday 10th March

Crater Lake – Chapter 4

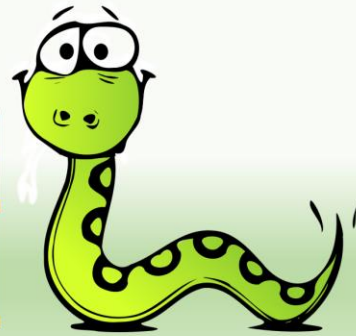
Vocabulary



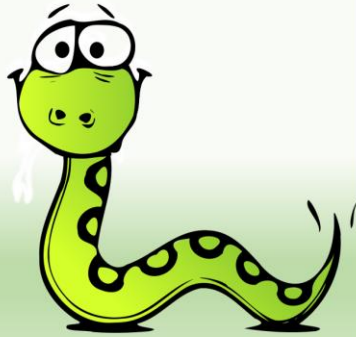
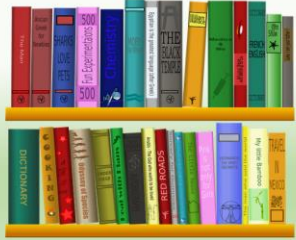
Infer



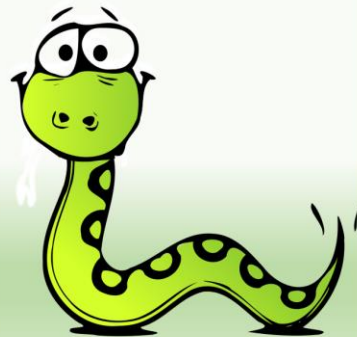
Predict



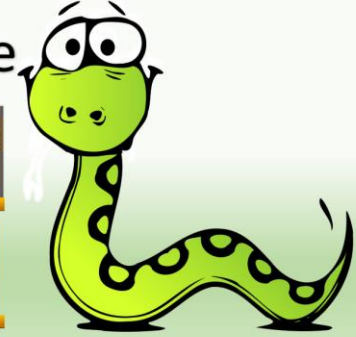
Explain



Retrieve



Summarise





What happened in chapter 3?

What can you tell me about Crater Lake so far? How do you know?

Who are the main characters?

What happened to Dale?

What does the word 'shredded' mean?

What does the word 'beckon' mean?

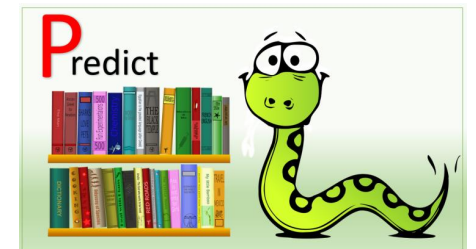
Who is Digger?



Today we are going to read chapter 4 of Crater Lake.

This chapter is called 'Soup or Blood'.

What do you predict will happen in this chapter?





We are going to read chapter 4, pages 33-36.

bed, on my own in the dead quiet of the centre, a little bit of sadness creeps in. I imagine the others mucking around in their dorms, having fun together. Then I text my mum from the phone I snuck in, knowing it probably won't send because of the no-reception thing, to tell her I'm having a brilliant time!

4

Soup or Blood?

After about thirty minutes I hear voices calling me from outside the door. 'Come on, Lance – we're going to dinner!'

We all walk to the dining hall, which is in the middle of the building – a massive room with high ceilings and wooden floors – kind of like the gym at school. There are long tables with benches on either side and a hatch where the food is served. We grab trays and queue at the hatch, expecting to be greeted by dinner ladies wearing those weird fishing nets over their hair under hats that look like they're made of the same stuff as shower curtains. But there is only one person behind the hatch, and it's Digger.

I'm towards the end of the queue but it soon becomes clear that there is only one choice of food.

'Dinner is served,' Digger says when it's my turn. He dumps a bowl of tomato soup on my tray.

'Err, thanks,' I say and walk to a table to sit with my friends. Everyone looks confused, cos soup isn't generally considered to be a dinner food; it's the food your mum gives you in the winter when you have a cold.

'No wonder we haven't seen anyone other than Digger,' I say. 'They've obviously all been rushing around preparing this delicious feast.'

'I think Digger did this on his own,' Chets whispers, not noticing my sarcasm because he's clearly deeply distressed. Chets is fond of his food.

'Maybe that's what the spatters on his clothes were,' Katja says, stirring the soup around her bowl.

'I know soup, and I know blood,' Mak says. Which seem like two strangely specific and unrelated fields of expertise. 'Those spatters were definitely blood and this is definitely soup.'

'I don't even think it's Heinz,' Chets has tears in his eyes. 'It's one of those supermarket value soups.' None of us are keen.

'Lucky I have a stack of brownies and crisps in my room, then,' I say, giving Chets a nudge. 'We'll meet up after lights out and have a picnic. Or maybe not a picnic because we're not toddlers

with teddy bears, but a cooler version of a picnic. A sicknic. But not like vomit sick.'

'Awesome,' Katja says. 'As long as I can sneak out of my room without the other girls telling.'

'I'm in,' says Big Mak.

'But what if we get caught?' Chets says.

'You can always fill yourself up on this tasty tomato soup,' I say. 'Hold on, I'll ask Digger if you can have another bowl.'

Chets looks at his soup. 'Fine, I'll do it,' he says.

As soon as 'dinner' is over, Digger herds us into the lounge area, where there are comfy sofas, board games and a big TV, which is stuck on one channel no matter how hard we try to change it.

'I guess they don't want us watching *World War Z*,' Mak says, as we sit on the wooden floor, hoping it will be a bit cooler than the giant cushions.

'You'd think they'd have air con,' Chets says. 'It's hotter in here than it is outside.'

'I think they do – look at those vents,' I say, pointing up at the ceiling. I slide myself across the floor on my bum so that I'm directly underneath one. 'I guess it's not working,' I say.

'This place gets better and better.' Chets huffs, throwing his cap on the floor. 'I'm sure there must be some kind of legal jurisdiction about imprisoning children in these temperatures.'

'We're not exactly imprisoned,' Katja says. 'We could get out if we really wanted to.'

'We're not allowed, though. I heard Digger telling Miss Hoche to make sure we all stayed here. He said the paint wasn't quite dry in some areas of the centre and he doesn't want us to get dizzy from the fumes.'

Too hot and bored to do anything else, we look up at the TV. There's a show about deadly animals on, and it's talking about wasps.

'Just my luck,' says Chets.

'*There are two main subgroups of wasp...*' the presenter says, '*...social and solitary. Social colonies are started by a queen, who wakes from hibernation when it starts to get warm, builds a small nest and creates a swarm of worker wasps to rapidly expand it.*'

'I wonder what makes the queen so special?' Katja says. 'Is she bigger? Or cleverer?'

'Probably bossier,' Big Mak says. 'That's the way with girls.'

Katja thumps him on the arm.

'If the nest is disturbed, the social wasps release a pheromone which drives their fellow wasps into a stinging frenzy. Solitary wasps do not form colonies. But unlike social wasps who use their stings only for defence, solitary wasps hunt using their venom to attack their prey.'

Chets shudders and rubs his ear. 'So there are nice little worker wasps, and nasty big hunter wasps.'

'And all-powerful queen wasps who tell the others what to do.' Hoche is standing behind us. 'So everybody knows their job and does it efficiently. If only our school could be like that.'

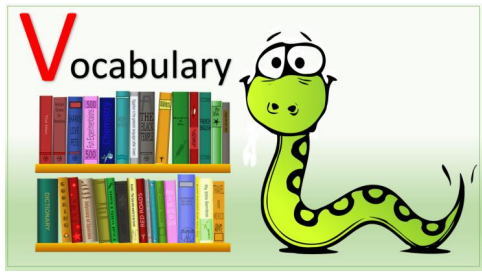
She laughs and clacks off in her heels.

'Don't judge me,' I say, 'but for the first time in my life, I feel sorry for Mr Moody.' Mr Moody is our head teacher, and he's kind of nice, actually, especially when you compare him to Hoche. 'She's probably just waiting for an opportunity to get rid of him.'

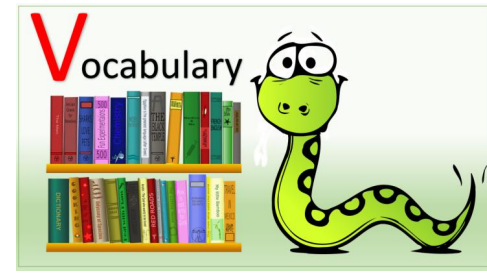
'Imagine if Hoche was the Head-head,' Katja says.

'She'd be unstoppable.' Mak makes a face.

'She'd be a maniac,' I say.

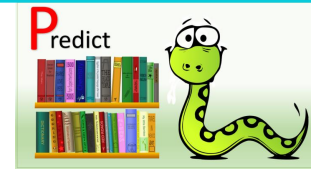


Vocabulary



Herded	To make a group of animals or people move together.
Jurisdiction	The official authority to make legal decisions.
Greeted	To give a polite word of recognition or sign of welcome when meeting someone.
Expertise	Expert skill or knowledge in a particular topic.

Task 1:



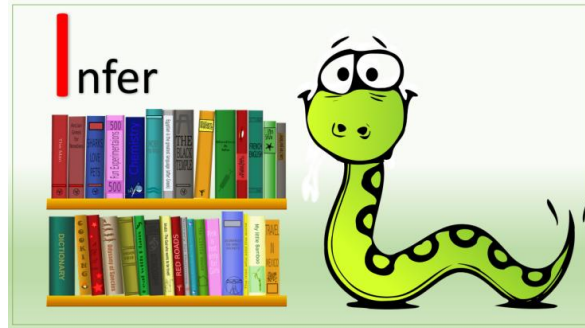
Predict whether you think the stains on Digger's shirt were soup or blood. What does your prediction tell you about Digger's character?

I predict that the stains on Digger's shirt were...

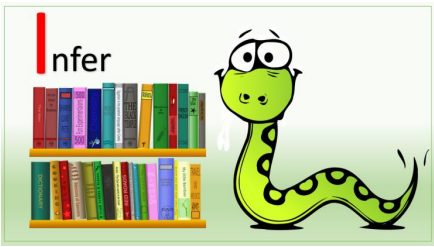
This shows that Digger is a _____ character because...

Today, we are going to use our inference strategy to answer some questions.

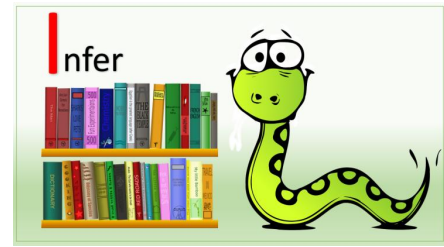
What does
inference mean?



Inference means working answers out using clues in the text.



Main Task: Inference questions



1. Who says, 'I'm towards the end of the queue,' and why doesn't the author say their name?

The character that says "I'm towards the end of the queue" is..... I think the author doesn't say their name because...

2. Why do you think Lance calls it a 'sicknic'? (p.35)

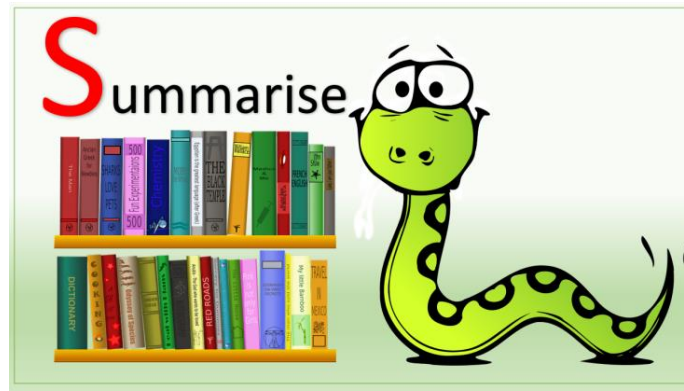
I think Lance calls it a 'sicknic' because...

3. Why do you think the author has chosen the word 'herds' when Digger showed the children into the lounge area? (p.35)

I think the author chose the word 'herds' because...

4. Why do you think the TV was stuck on one channel? (p.35)

I think the TV was stuck on one channel because...



Extension:

Can you write a summary of what has happened so far in Crater Lake in 5 sentences.

Friday 10th March

God's calling to Moses

Key vocabulary

Moses

Joshua

King David

Pharaoh

Egypt

Plagues

Pentateuch

Torah

Vocation

Jesse

Anointing

Oil of chrism

Psalm

Shepherd

David

Israelite

Retrieval Practice: Can you answer these questions?

1. What does the word Pentateuch mean?
2. Can you name the 5 types of writing from the bible (P, P, P, P, S)?
3. Is Moses from the Old Testament or the New Testament?
4. What is an Israelite?
5. What is the story of the birth of Moses?
6. What did God ask Moses to do at the burning bush?

In this story, God calls Moses to do something for him. He asked him to save the Israelites from slavery in Egypt. This is because the Israelites were God's people and descendants from Abraham.

There is a word we use which means when God calls you for his service or to the Christian life.

Vocation

What different vocations do you think people would have been given by God today?



priest



teacher



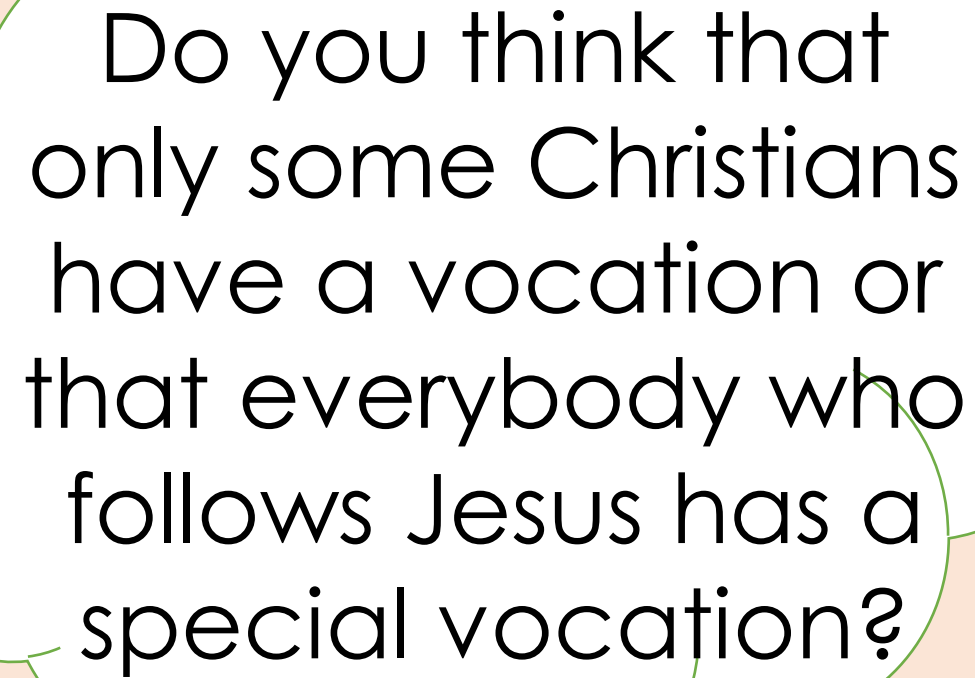
nurse



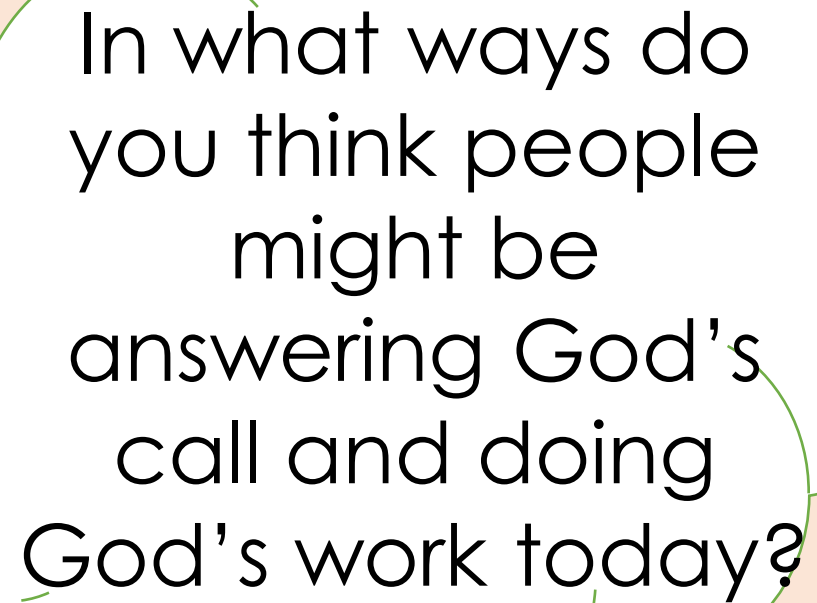
parent



Pope



Do you think that
only some Christians
have a vocation or
that everybody who
follows Jesus has a
special vocation?



In what ways do
you think people
might be
answering God's
call and doing
God's work today?

Main Task:

Create an advertisement called 'God is calling you today!' This will be a job advert for what God wants Moses to do. You should include:

- A title called 'God is calling you today'
- Rhetorical questions at the beginning to attract the reader
- A paragraph which details what is happening to the Israelites
- A paragraph detailing what God is asking Moses to do.
 - Eye-catching pictures



God is calling you today



Are you brave?
Are you trustworthy?
Do you have faith in God?
Will you fight against evil?

If you answer is **YES** to these questions, then you might be the person God is looking for!

Have you heard what is happening to God's people?

The Egyptians have imprisoned the Israelites and are using them for slavery. They have no freedom, they are being taken away from their families and the Egyptians are killing all Israelite baby boys. Something needs to change. God needs your help! Could you be the person God is looking for?



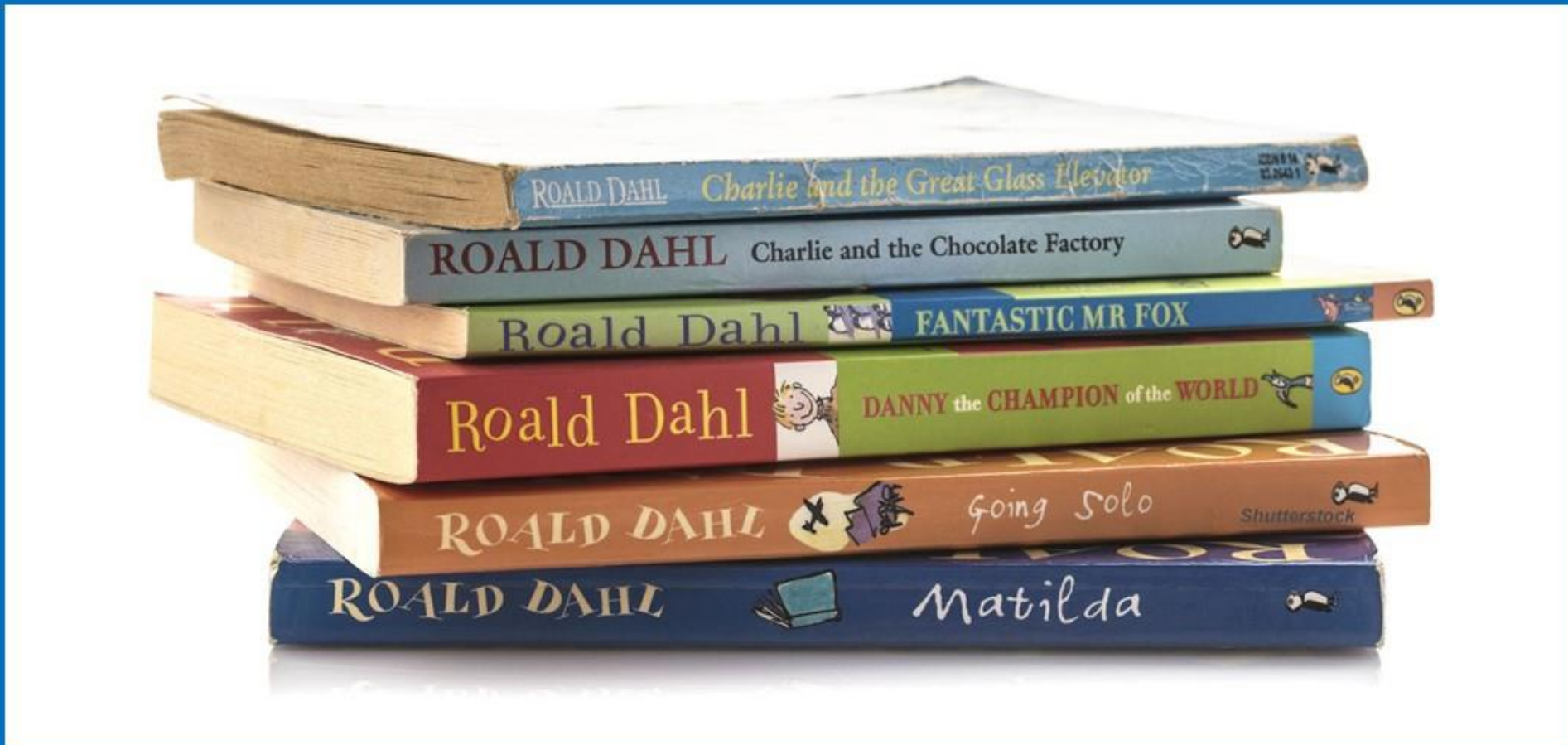
So, what does the job entail?

God is calling for someone to save the Israelites by approaching the Pharaoh and rescuing them out of Egypt. There is a lot of danger and risk involved, therefore this isn't for the faint-hearted but remember God will be by your side. He is faithful and loyal and is calling someone very special to save his people. Could it be you?

Extension:

In what ways do you think people might be answering God's call and doing God's work today?

What's happening in the news this week?



Let's have a look at this week's poster!

13th - 19th March 2023



Should Roald Dahl's books be changed for modern times?



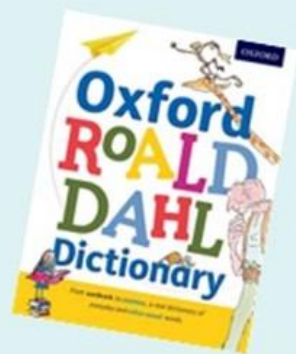
Let's look at this week's story



Book publisher, Puffin, has announced that stories by the famous children's author Roald Dahl are going to be changed, making them more suitable for modern times. Roald Dahl is famous for his books, including Matilda, Charlie and The Chocolate Factory, and The BFG. The changes include taking out unkind descriptions of characters' appearance such as 'fat' and 'ugly'. Some people disagree with changes, including the UK Prime Minister, Rishi Sunak and the Queen Consort, Camilla.

~~mad~~
~~crazy~~

Learn more about this week's story [here](#).
Watch this week's useful video [here](#).
This week's Virtual Picture News [here](#).



Pictured: Oxford Roald Dahl dictionary
by Oxford Dictionaries (Author),
Quentin Blake (Illustrator),
Susan Rennie (Contributor),
Roald Dahl (Contributor)

How does it make me feel?



sad	angry	happy	confused	excited	worried	shocked	afraid
despondent disconsolate dismal doleful downhearted forlorn gloomy melancholic miserable woeful wretched	aggrieved annoyed discontented disgruntled distressed exasperated frustrated indignant offended outraged resentful vexed	beaming buoyant cheery contented delighted enraptured gleeful glowing joyful	addled baffled bemused bewildered disorientated indistinct muddled mystified perplexed puzzled	animated elevated enlivened enthusiastic exhilarated exuberant thrilled	agitated anxious apprehensive concerned disquieted distraught distressed disturbed fretful perturbed troubled uneasy	astonished astounded disconcerted distressed dumbfounded horrified staggered startled stunned surprised	alarmed apprehensive daunted fearful frantic horrified petrified terrified

This week's story looks at events related to ...





Read the information below about Roald Dahl's books and why they are being changed.

Why are Roald Dahl's books being changed?

Roald Dahl has written over 20 children's books and is thought to be one of the most popular UK children's authors, he died in 1990. The changes are happening following a review by the Roald Dahl Story Company and the publisher, Puffin. They worked with Inclusive Minds, who are a group working towards kinder and more inclusive writing in children's books. The Roald Dahl Story Company said it wanted to 'ensure that Roald Dahl's wonderful stories and characters continue to be enjoyed by all children today'.



What are the changes being made?

- 'Crazy' and 'mad' have been taken out of the books
- From *The Twits*, the word 'weird' has been removed from the phrase 'a weird African language'
- Mrs Twit, from *The Twits*, is now described as 'bestly' and no longer 'ugly and beastly'

~~crazy~~ ~~mad~~

Pictured left: Author Roald Dahl

What do others think of the change?

It is important that... works of fiction are preserved and not airbrushed. We have always defended the right to free speech.

A spokesperson for Prime Minister Rishi Sunak.

If Dahl offends us, let him go out of print... Read all these [other] wonderful authors who are writing today, who don't get as much of a look-in.

Author Philip Pulman

Share your thoughts. Do you think some of the text should be changed?



Look at the resource below, which shares some information about Roald Dahl.



Roald Dahl Story Company

Roald Dahl was born in South Wales on 13th September 1916. Before he became an author, he was a pilot for the Royal Air Force and flew during World War II. He also became a spy for MI6!



In 1943, he wrote his first ever children's book. It was called *The Gremlins*, which was about some creatures causing all sorts of mechanical problems on aeroplanes.

He spent around four hours a day writing stories in his garden shed known as his 'writing hut'.



Many of the characters created by Roald Dahl were inspired by people he'd met in real life. The little girl from *The BFG* was named Sophie after his granddaughter!



Roald Dahl invented many new words such as *scrumdiddlyumptious*, *snozzberries* and *churgle*. He called his language *Gobblefunk*. There is even an official Oxford Roald Dahl dictionary, featuring real and imaginary words he loved to use.

Source: Oxford Roald Dahl dictionary by Oxford Dictionaries (Author), Quentin Blake (Illustrator), Susan Rennie (Contributor), Roald Dahl (Contributor)



Roald Dahl died on 23rd November 1990. Since 13th September 2006 (his birthday), there has been a Roald Dahl Day to celebrate his stories.



**Does any of the information surprise you?
Is there anything else you would like to find out?**



Look at the resource below, which shares examples of some things that have been updated for modern times.

Uniforms



Vehicles



Phones



Buildings



Money



Clothes



Can you think of anything else that has been updated for modern times?



Should Roald Dahl's books be changed for modern times?



Reflection



As time moves forward, opinions and thoughts often evolve and change. There may be times when we want words or opinions to change to reflect this, but there may also be times that we can use the past and the words in it as opportunities to learn.





Rule of Law

As we move into the future, things develop, change and modernise. Rules and laws will sometimes need to be updated because of this.



UN Rights of a Child



Parents or guardians are the main people responsible for bringing up a child. They should always consider what is best for us. This may involve deciding which books are suitable for us to read.



Useful vocabulary



Airbrushed

Represented or described as better or more beautiful than in reality.

It is important that... works of fiction are preserved and not **airbrushed**.

Evolve

To develop gradually.

As time moves forward, opinions and thoughts often **evolve** and change.

Inclusive

Include many different types of people and treat them all fairly and equally.

They worked with **Inclusive** Minds, who are a group working towards kinder and more **inclusive** writing in children's books.

Modernised

Made something more modern so it relates to present times.

Is there anything in them that you feel could be changed or **modernised**?

Review

A formal assessment of something in order to make changes, if necessary.

The changes are happening following a **review** by the Roald Dahl Story Company and the publisher, Puffin.

Updated

Made something more modern or suitable for use.

Can you come up with examples of other things that have been **updated** or changed over time?

Can you use them in your writing this week?