

# Year 3 Home School Provision Daily Pack

The following slides will be split into 4 separate activities.

They will consist of Maths, English, Reading and one other subject.

Each slide will be daily activities for you and your child to do at home.

We as a Year 3 team, will update these slides daily to the website – please keep an eye out!

Please email [NJS.Year3@taw.org.uk](mailto:NJS.Year3@taw.org.uk) with any queries to share any work and one of the Year 3 teachers will get back to you as soon as possible!

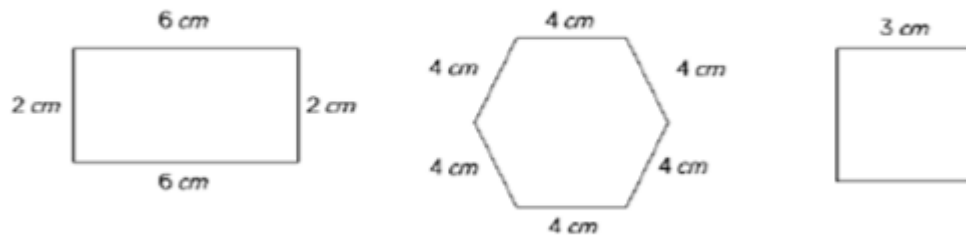
Thank you for your understanding and on going support during these times.

# Maths

To measure perimeter and solve problems involving perimeter.

Introduction

1 What could the question be?



2 Use two different methods to calculate the perimeter of the squares.



Qu2) What is the same about the 2 methods?  
What is different?

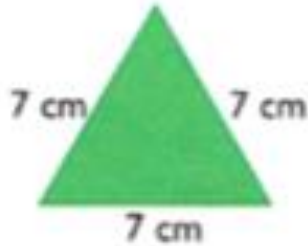
Qu3) How can we work out the length of the missing side?

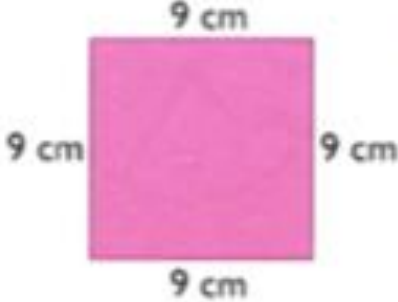
3 What is the length of the missing sides?

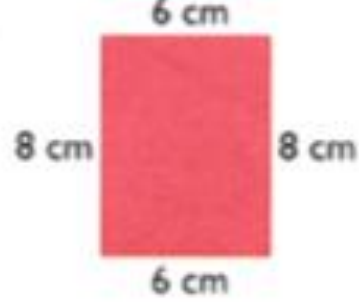


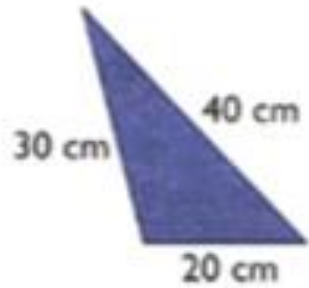
# Task - all

7 hours work 4  
Work out the perimeter of these shapes:


1  7 cm, 7 cm, 7 cm


2  9 cm, 9 cm, 9 cm, 9 cm


3  6 cm, 8 cm, 8 cm, 6 cm


4  30 cm, 40 cm, 20 cm

Use a ruler to measure the perimeter of these shapes in millimetres:

5 

6 

7 

8 

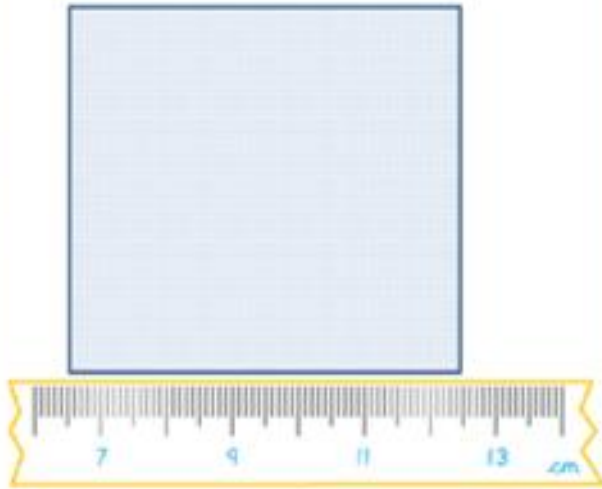
What is the perimeter of a shape with:

- 9 four sides of 10 cm?
- 10 side lengths 8 cm, 9 cm and 15 cm?
- 11 two sides of 9 cm and two sides of 12 cm?
- 12 The perimeter of this triangle is 32 cm. What is the length of the missing side?



EXT: Complete the reasoning question using the square problem.

*Can you find the perimeter of the square below in centimetres?*

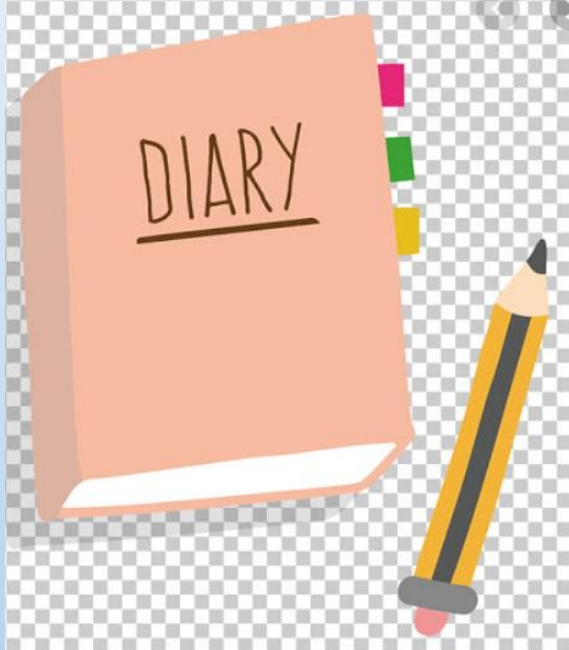


*Reasoning*

*Can you explain how you found your answer?*

Plenary: Can you explain your reasoning for the question above? Explain why. Explain how you know.

# English- Today we are going to start our unit on Recounts and Diary Writing'!



Who uses a diary?

Why is it important for some people to write in diaries?

How are diaries set out?

What information goes in a diary?

## A Roman Soldier Story 3.4.20

My name is Callum and I am 18 years old.

I am a soldier in the Roman army. Every morning when I wake up I eat porridge.

I then train for 2 hours with wooden

swords and a shield with the rest of the

army. We then march for 20 miles a day.

It is a hard and tough job when we are

marching, an eagle bearer marches in front

and shouts Dex Sin Dex Sin, which means

right left. We march on our right foot

first because marching on our left foot is

unlucky. We have to carry over 20 kg

a sarcina which is my back pack with

of tools. There are 5000 men and we

into two types of soldiers, the

legionaries and auxiliaries.

An extract  
from a diary:

### *(Maundy) Thursday.*

*City patrol again today. It's better than being stuck in one place all day but it does mean a bit of tramping around. Had a good patrol commander today, he let us stop to drink and cool off a bit in shady spots from time-to-time. Still have to be alert though because the city's full of extra people for the Passover festival. It's ok for them, they get to have a good time, it's just longer hours and more work for us.*

*Early evening and I saw Jesus in the city again, walking with his disciples, as I'd now heard them called, and chatting. Judas, that I'd seen at the temple yesterday, seemed quieter than the rest and slightly out of the bunch. They turned down a side street and disappeared from my sight. Then it was back to barracks for the night.*

### *(Maunday) Thursday Again.*

*Woken just before midnight, by a centurion telling us to get ready for night patrol. This wasn't on the duty roster, so something was going on. We*

How might  
diaries be  
useful?

We have seen this 'Big Picture' before in English.  
We use it at the start of a new unit

Spend some time looking at the 'Big Picture' and decide what you need to write in the boxes.

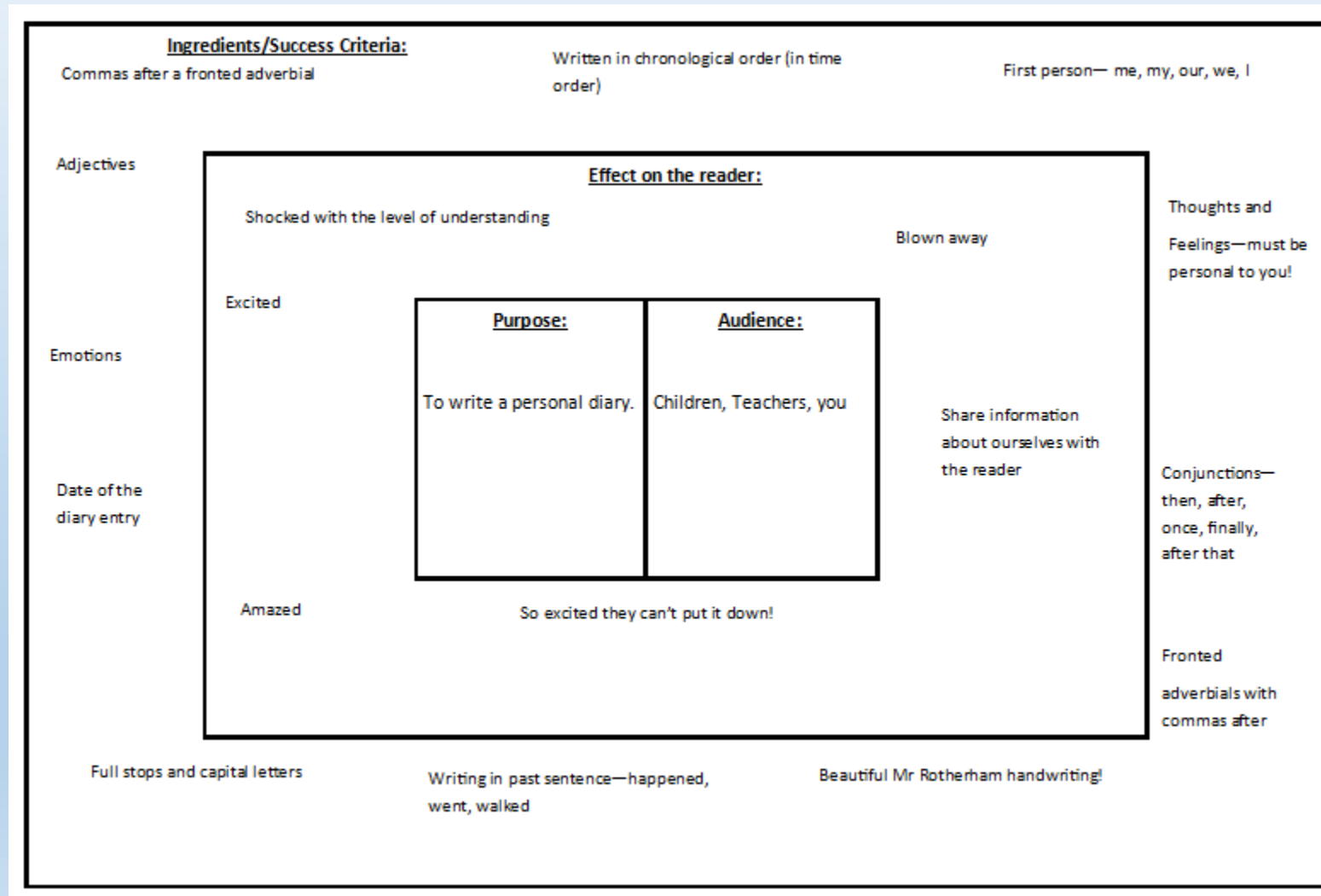
<u>Ingredients/Success Criteria:</u>	
<u>Effect on the reader:</u>	
<u>Purpose:</u>	<u>Audience:</u>

What things can you add in?

Have a try at coming up with your own ideas before clicking on to the next page!



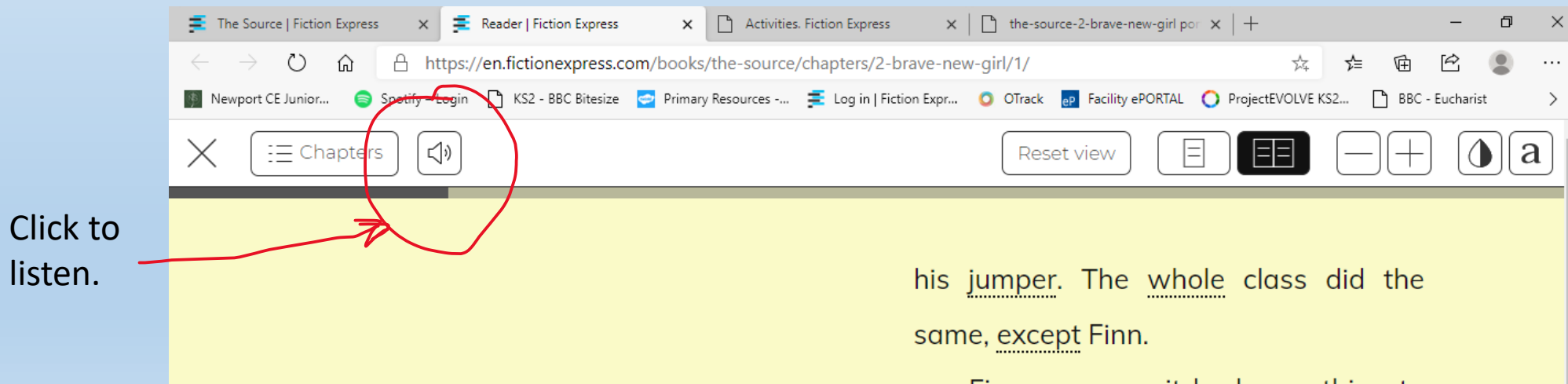
# Take a look at this one for some ideas! Feel free to add some more to yours...



# READING – New chapter – ‘The Source’ (Fiction Express)

## To justify predictions with evidence from the text. To retrieve information, and justify inferences made, with evidence from the text.

Log in to Fiction Express and open up Chapter 2 of ‘The Source’ – Level 1. Remember you can read Level 1 Lite, if the words are too tricky, or you can listen to the author read the story back, by pressing the icon which look like this:



Well done if you voted for option ‘B’ last time – it won! Now read on...

Chapter 2

## Brave New Girl

“Attention! Attention! The backup generator has kicked in. The power is back on...”

Mr Newton wiped his forehead with relief.

“...for one hour. Then we all run out of power. Forever.”

This was too much for poor Mr Newton. He decided to hide underneath

his jumper. The whole class did the same, except Finn.

Finn was sure it had something to do with the girl he didn't recognise. He would like to tell his teacher about her, but Mr Newton was still hiding. At that moment, Finn had an idea. He would find her himself! Finn was quite excited. He liked the idea of doing something for himself rather than telling a machine to do it. This would be a new experience, like a VR game, but real.

\* \* \*

Finn looked around the room at all the possible exits. There were two doors in and out of the room. Both were stuffed with security guards.

“Beep beep,” said a mini cleaning robot as it passed by. Finn watched it sweep up a crumb from the floor. Once its task was done, it disappeared

through a mini door in the wall. A door just big enough for a small girl.

“Gotcha!” said Finn. He ran to the door, prised it open and squeezed in.

“This is too easy,” he said, not realising that a big drop lay on the other side. One step later, he slid straight down a chute. Whooshing forward, his knuckles turned white with fear.

Poof! Finn flew out of the chute and landed in a giant laundry basket. He was surrounded by washing too big for the Quik-Clean.

“Good thing I landed on something soft!” muttered Finn.

“Yes, me!” said a voice beneath him.  
“Get off.”

\* \* \*

“Sorry,” said Finn. He picked himself up and looked at the girl that he'd used as a cushion a second ago. It was definitely her. She had the same clothes, although he noticed something different about them. They were clean but not sparklingly. It was almost as if someone had washed them without the help of a StainBot or a WashingMAC 2.0. It looked like someone had washed the clothes... themselves.

This reminded him. He pressed a button on his collar. Immediately, all the dust on his jumper from the chute disappeared. The girl rolled her eyes and checked her backpack.

It was empty.

“Where is it? It must have fallen out.”

“Looking for this?” Finn asked. He was holding The Source. He actually

thought it would be warmer, but it was strangely cool to touch.

“Give it back! My people need it.”

“Your people?” Finn said. “We need it to power our teleporters and cat translators.”

Before she could react, the sound of very loud guards filled the room.

“Those guys are going to be here in a second,” said the girl. “Give me back The Source, otherwise it could fall into the wrong hands!”

“Excuse me. How do I know you're not the wrong hands?”

“Look, if they come in here and catch you holding it, you'll be put into the Infinity Cube for years.”

Finn could hear the guards coming. This whole adventure thing wasn't so easy after all.

5



**Before you vote, make your predictions!**

Vote

Discuss which of the three options you find most interesting to continue the story and why. Here's a reminder of the options and some key points for each one:

What should Finn do with The Source?

A

Give it back to the girl

The girl seems to be in desperate need of The Source, but should Finn trust her? He knows nothing about her. But is this his best option at the moment, when the guards are on their way?

B

Give it back to the guards

If Finn gives The Source to the guards, will they think he stole it? Or will Finn tell them about the girl? Could he pretend he found it? Will life return to normal if he does this? Is that what Finn wants?

C

Keep it himself

Why might Finn want to keep The Source for himself? Do you think he might want his society to live without all their technology for a while? Do you think he might try to help the girl and her people?

Now make a *written* prediction about what you think will happen. Try to answer the questions posed here.



**1** How long will the power last without The Source?

- One day
- Ten minutes
- One hour

**2** Why does Mr Newton hide under his jumper?

- He doesn't want the guards to see him
- He wants to protect himself from radiation
- He is worried about the future

**3** How does the mini cleaning robot help Finn?

- It shows him a small door
- It trips the girl over
- It can track The Source

**4** What is behind the small door?

- Rows of computers
- A sudden drop
- A secret staircase

**5** How does Finn find the girl?

- The cleaning robot catches her
- He lands on top of her
- He follows the light of The Source

**6** Why does Finn think that the girl cleans her own clothes?

- They are not as clean as his clothes
- They smell of detergent
- They are still damp

**7** How does Finn clean his clothes?

- He presses a button on his collar
- He puts them in a cleaning cupboard
- He gives them to the cleaning robot

**8** What surprises Finn about The Source?

- It's very heavy
- It's very light
- It's cool to touch

**9** Why has the girl stolen The Source?

- She wants the world to live in a simple way
- She says that her people need it
- She says it's poisoning the planet

**10** What will happen to Finn if he's caught with The Source?

- He'll get blasted into space
- He'll be erased with a Mind Gone wipe
- He'll be put into the Infinity Cube

Try the quiz online!

## Using when, that, if, because

Fill in the blanks with these words, using them correctly to link the ideas in each sentence. Take care! You will not need to use all the words.

when

that

if

because

when

that

if

because

1

Finn thought it was exciting \_\_\_\_\_ he would have to find the girl himself.

2

Finn spotted the mini door \_\_\_\_\_ the cleaning robot went through it.

3

Finn said he needed The Source \_\_\_\_\_ it powered their teleporters and cat translators.

4

The girl said she stole The Source \_\_\_\_\_ her people needed it.

5

The security guards might take Finn to prison \_\_\_\_\_ they catch him holding The Source.

6

Finn didn't know what to do \_\_\_\_\_ he heard the guards getting closer.

Copy and complete the questions, filling in the blanks appropriately.

READING ✓ VOTE! ✓

You are voting  
*The Source* › Chapter 2

Your vote has been saved. Wait for the next chapter to see if your vote won.

This chapter includes	More to discover
Activities	My dashboard
Reading quiz	Book forum
Chapter download	
Glossary	

Once you have voted, this page will appear. Click on the reading quiz to try to online version. You could also look up the Book Forum.

The Book Forum is a communication blog, which allows you to talk to the author about the questions he has set. Remember to read the Rules of the forum BEFORE you post anything. The responses you give should be about the questions below. Click the small orange 'arrowheads' to respond to the questions asked. The forum page will not allow posts of less than 100 characters, so think hard! If you impress the author with you ideas, he may respond personally, or award you a certificate!

**LEVEL 1**  
 The Source  
 😊 1428 ☹️ 104

[▶ Author's video](#)

Speaking with  
**Cethan Leahy**

Award-winning author of YA novel *Tuesdays are Just as Bad*  
[See more](#)

## Book forum

**We're on chapter 2:** Brave New Girl

Did you like it?

Rules

Live topic 4

Finn is living in the future. What time would you like to visit if you had a time machine?

[Respond](#)

Live topic 5

The girl has stolen The Source for her people. Why do you think they want it?

[Respond](#)

Closed topic 3. Where would you most like to visit on a school trip?

Closed topic 1. Finn lives in the 25th century and has lots of machines. What machine would you like to see ...

[View all topics](#)

# Topic:

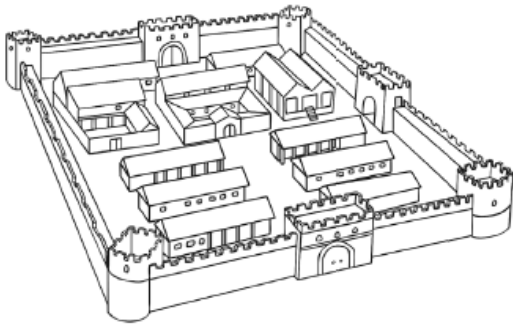
Pick 1/2/3\* activity and complete the reading comprehension.



## Hadrian's Wall

Scotland was not part of Roman Britain. The Romans were too busy in other places to take over Scotland as well. In 122AD, Emperor Hadrian told his soldiers to build a wall to keep out the Picts who lived in Scotland. This also meant the Romans could charge money to people who wanted to come in. The wall went from Wallsend on the East Coast to Bowness on the West Coast. Parts of Hadrian's Wall are still there today and lots of people like going to see it.

Hadrian's Wall was built in stone. It was 117.5 kilometres long, up to 6 metres high and 3 metres wide. This meant it was wide enough for two soldiers to walk side-by-side.



### Did you know?

In 140AD, the Romans added another wall further north. It's called the Antonine Wall.



It wasn't just a wall. There was a **mile-castle** with twenty soldiers every 1.5km and a **turret** every 500 metres. Major **forts** were built along the wall every 8km. These had up to 1000 Roman soldiers in them. One of the forts was called Housesteads. It had a hospital, granary, barracks, workshop and toilets.

A Roman road called the Stanegate was built. This made it easier to get food and other supplies to the soldiers based at Hadrian's Wall. Just like the Roman roads, the wall was built by the Roman soldiers. Hadrian's Wall was used for almost 250 years.



## Hadrian's Wall

1) Why did the Romans not conquer Scotland?

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2) In your own words, why did Hadrian build the wall?

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3) Does the wall run East to West or North to South?

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4) How long was the wall?

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5) Why was it made 3 metres wide?

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6) How many soldiers would you find in a mile castle?

---

---

---

7) Why was the Stanegate road built?

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# Hadrian's Wall

Scotland was not part of Roman Britain. Although the Romans won a big battle against the Caledonians in 84AD, Prompting all the people of Scotland to band together as 'The Picts', Scotland never became part of the Empire, because the Roman army was called back closer to home to deal with more pressing matters.

In 122AD, Emperor Hadrian ordered his soldiers to build a wall between Roman Britain and Scotland to defend the Roman occupied land from frequent attacks by the Picts and to control who was entering and leaving Roman territory. This meant the Romans could charge taxes to people who wanted to come in. Historians believe that the wall may have been covered in plaster and then white-washed, so that the shining surface would have reflected the sunlight and made it visible for miles around. This would show how powerful the Roman Empire was.

The wall ran from Wallsend on the East Coast to Bowness on the West Coast. You can still see parts of Hadrian's Wall today, it is one of the most popular tourist attractions in Northern England.



### Did you know?

In 140AD, the Romans added another wall further north. It's called the Antonine Wall.

Hadrian's Wall was built in stone. It was 117.5km long, up to 6m high and 3m wide. This meant it was wide enough for two soldiers to walk side-by-side. It wasn't just a wall. There was a mile-castle guarded by soldiers that was built every 500m. Major forts were built along the wall every 8km. These could accommodate between 500 and 1000 Roman soldiers. One of these forts was called Housesteads. It had a hospital, granary, workshop, barracks and toilets. Grain was kept dry in a store by the use of a hypocaust similar to the system used in Roman baths.

A Roman road called the Stanegate was built to supply the soldiers based at Hadrian's Wall. Just like the Roman roads, the wall was designed by Roman engineers and built by the Roman soldiers. Hadrian's Wall was repaired, maintained, patrolled and guarded for almost 250 years.

**More to think about**  
The wall was not that high in some places, people would have been able to climb up and get over it. What do you think Hadrian's purpose was in building the wall? A deterrent? A marker of Roman territory? A show of power? A way to control people's movements? Strategic positioning of troops? Discuss with a partner and explain your thinking.



# Hadrian's Wall

- 1) Who did the Roman fight against in Scotland in 84AD?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 2) In your own words, why did Hadrian build the wall?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 3) Historians believe the wall may have been whitewashed (painted white) Why did they do this?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 4) Does the wall run East to West or North to South?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 5) How long was the wall?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 6) How many soldiers would you find in a mile castle?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 7) Why was the Stanegate road built?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Topic EXT:

Plot Hadrian's Wall on the map and label towns/cities it passes through or it is near.

