

PRIMARY CHALLENGE 2020



Codebreaking: Who are the elite codebreakers?

Who can crack the codes to find the bridges and meet the Secret Agent?

The Final Destination

Find the bridges, get the letters and arrange them to find the
FINAL DESTINATION – where you will meet the **Secret Agent**.

The task:

- Each bridge is hidden using a **Caesar Shift** code.
- You will get two letters from the name of the final destination when you find a bridge.
- Your task is to collect the letters and work out the meeting place.

Instructions:

- Using the shifts given, fill in the cipher text.
- Work out the clue and find the bridge on your map.
- Write the clue and bridge in the spaces at the bottom of the sheet.
- You will be given two letters from your Final Destination.
- You will then get the next clue – and two letters when you complete it ...
- When you've found all four bridges, arrange the 8 letters to give you the **Final Destination**

The Final Destination

Destination I: T a j w y b t m z s i w j i r j y w j x q t s l

Use shift (offset) 5

Plaintext	a	b	c	d	e	f	g	h	i	j	k	l	m
cipher text													
Plaintext	n	o	p	q	r	s	t	u	v	w	x	y	z
cipher text													

Destination I: clue

Destination I: answer

The Final Destination

Destination 2: **K p z n b p z l k h z d h a l y**

Use shift (offset) 7

Plaintext	a	b	c	d	e	f	g	h	i	j	k	l	m
cipher text													
Plaintext	n	o	p	q	r	s	t	u	v	w	x	y	z
cipher text													

Destination 2: clue

Destination 2: answer

The Final Destination

Destination 3: **D e c z y r h z x p y y p p o p o!**

Use shift (offset) 11

Plaintext	a	b	c	d	e	f	g	h	i	j	k	l	m
cipher text													
Plaintext	n	o	p	q	r	s	t	u	v	w	x	y	z
cipher text													

Destination 3: clue

Destination 3: answer

The Final Destination

Destination 4: **E r g m i r x f s h m i w e r h w a s v h w**

Use shift (offset) 4

Plaintext	a	b	c	d	e	f	g	h	i	j	k	l	m
cipher text													
Plaintext	n	o	p	q	r	s	t	u	v	w	x	y	z
cipher text													

Destination 4: clue

Destination 4: answer

Roman weapons and human skulls were found when they built Chelsea Bridge in 1851.

Richmond Bridge is the oldest surviving bridge on the Thames. It was built between 1774 – 1777.

Tower Bridge was built in 1894 and is 244m long.

Wandsworth Bridge was painted pale blue, so that it would be camouflaged from above during the Second World War.



Millennium Bridge was opened in 2000. Because it wobbled when you walked across it, it was called the 'Wobbly Bridge'.

Waterloo Bridge was built during the Second World War by mainly women and so is often called the 'Ladies Bridge'.

Battersea Bridge is the narrowest road bridge across the Thames.