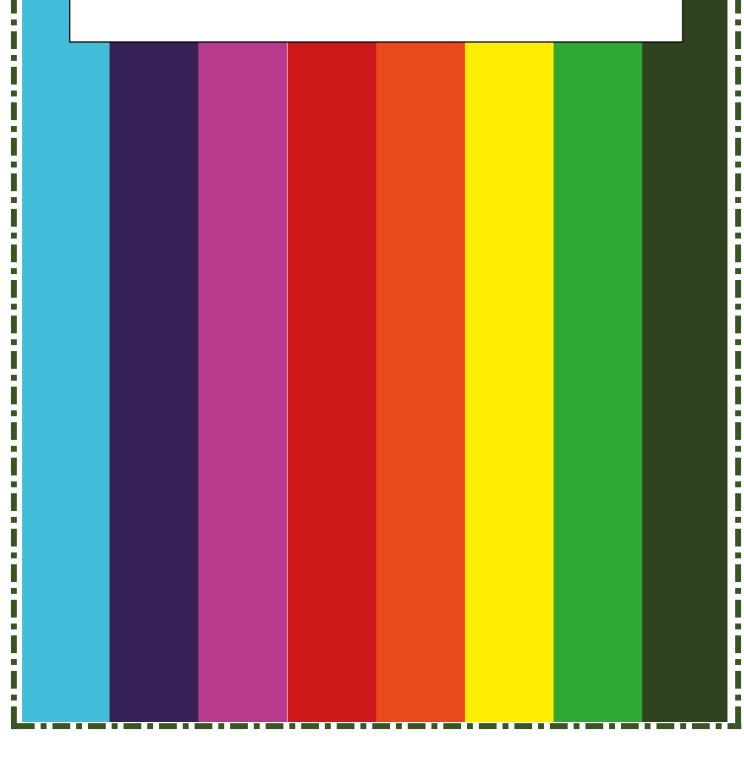
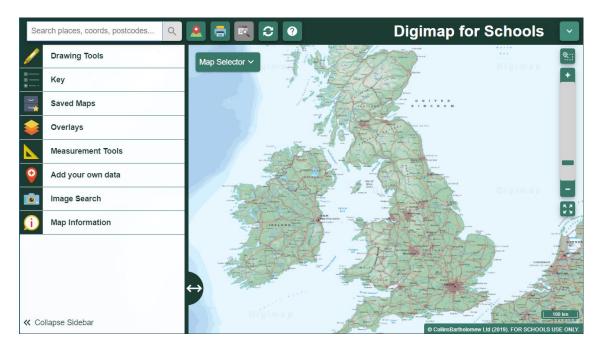
Digimap for Schools



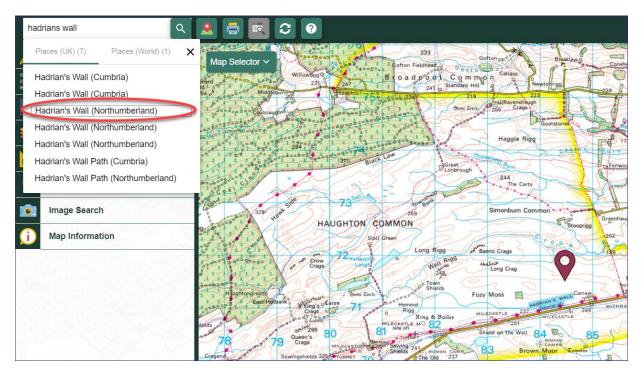
Login

- 1. Login to Digimap for Schools.
 - https://digimapforschools.edina.ac.uk/
 - Select Login
 - Type the username and password talk to your teacher if you don't know these.
 - Select Login.
- 2. You should see a map of Great Britain like this picture:



Find a grid reference

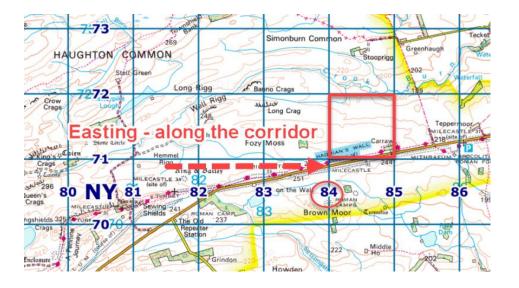
- 1. Let's try and get a reference for Hadrian's Wall.
- 2. Type Hadrians Wall in the search box.
- 3. Select Hadrians Wall (Northumberland) from your results.
- 4. Your map should look like the picture below.



- 5. Now select Overlays on the left, then British National Grid. Now we can see the British National Grid lines on our map.
- 6. We want a grid reference for the grid square shown in red on the map below.
- 7. We always give a reference for the bottom left or south west corner, as shown by the arrow in the picture below.

773		RI CROMP
269	Simonburn Common *-+	Tecker
HAUGHTON COMMON	Stooprig	g Greenhaugh Waterfall Uppertown
Stell Green Long Rigg	220 - 220 	BU Waterfall
Crow Crags Longity o Well Rigg	لا ل	189 Tappermoo Milecastu
238 248	ent	Teppermoor 237
Stone Circle	Fozy Moss	218(site of) Carrawbrough
Rigg Ring & Bailey	MILICASTLE 237 MILECASTLE	
Queen's 80 NY 81 (site of) 82	83 on the Wall 84 Man	85 86 87
wingshields 325 TUBE 7070 Sewing 241 ROMAN CAN		R 200 Torney's Fell
Repetter Station	Middle	200 Lane

- 8. First we need to find our Easting line number. Eastings are vertical lines that go from west to east. We go "along the corridor" to find the number.
- 9. It's number 84.



11.Now find the Northing line number. Northings are horizontal lines that go from south to north. We go "up the stairs" to find the number.

12. It's number 71.

	7972	Long f		no Crags	That	189
rags	Lodgh	230 55 14	248	لاسر Long Crag	200	00-7-1
HUE	Stone Encle	ning - u	o the st	airs Moss	HAN & WALL Carray	Te Mill 21
gs e	71	Rigg Rigg	Bailey MIL	CASTLE 237	MILECASTLE	MITHRAE
¹⁶ 8	0 NY 8	Sewing	2 8	3 on the Wall 8		5-5-
is 325	7070		ter	3 Brown	Moor Cumelus	TP:
		opte	Grindon 220	ALO BOILE	222 D'Ho	202
	69 Kennel	230	Settleme	Howden		S
1	ace de	237	000	081		P Col

13.Now we need to add in the Grid Square name...it's shown on the map, NY.

14.So we put it all together:

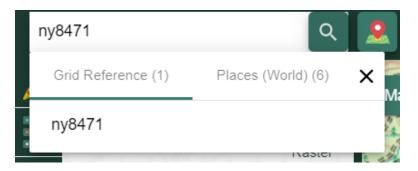
- a. Grid square NY,
- b. Plus Easting line 84,
- c. Plus Northing line 71 =
- d. NY 84 71
- 15. This is a 4 figure grid reference. It identifies the grid square, which is 1km on each side.

stell	Long	ligg Fa	no Crags	220 200-	202 8 189
ow age Lough	230 250	1 1 - 2	8471	22	0000
art : Stone Circle		elds		NAN S WALL Carray	S
80 NY 8	Ring &	Bailey MIL	CASTLE 237 251 3 on the Wall 8		5
325 TURE 7070	Shields 241 Shields D The O	MAN CAMP 8	3 Brown	ROMAN CAMPS Moor Cummhis	PA
Neum	Repea			Middle	D q

Check your reference

You can check in two ways.

- 1. Search with your grid reference.
 - a. Input NY8471 in the search box.
 - b. Select NY8471 from the results list.
 - c. You should be at our grid square in the map window. You may be zoomed in further and looking at a more detailed map...zoom out 2 or 3 times to check you're at the right spot.



- 2. Add a grid reference marker.
 - a. Select Drawing Tools on the left.
 - b. Select the Place a Grid Reference tool. It's under the Draw and Create area.

Drawing Tools
Show drawings Show hints
Draw and create
🛇 🍤 🖊 📲 🚺
Marker Shape Line Text Measure Text Box Image
Gridref Buffer
UK Grid reference options
Automatic
O 2 Digit, e.g. "NY 78"
O 4 Digit, e.g. "NY 77 88"
6 Digit, e.g. "NY 770 819"

O 10 Digit, e.g. "NY 77071 88819"

Non-UK will place latitude and longitude markers

Select	Marke	r				
8	+	\diamond		*		X
Balloon	Cross	Diamond	Square	Star	Triangle	Х
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Line s	etting	s				
	_	-solid		2pt		
Fill se	ttings					

3. Select our grid square and a grid reference will be placed there.



- 4. My grid reference marker says NY84019 71201. This is a 10 figure grid reference and is much more detailed than our grid reference (NY 84 71). That doesn't mean our reference is wrong! It is just less accurate.
- 5. To check our reference is right we can just look at the first two numbers in the Easting and Northing.

6. The Easting is 84019. The first two numbers are 84, the same as we identified. The Easting is 71021. The first two numbers are 71, the same as we identified.

Practise!

1. Try and find 4 figure grid references for each of the spots detailed below.

2. Then add a grid reference marker to get the 10 figure grid reference.

	· · · · · ·		
Place	Clue	Grid Ref 4 figure	Grid Ref 10 figure
Hadrian's Wall		NY 84 71	NY84019 71201
Stonehenge	none		
Tower of London	Postcode EC3N 4AB		
Roman Baths	Bath, North and East Somerset, postcode BA1 1LZ		
York Minster	York YO1 7HH		
Welsh Assembly	Cardiff Bay CF10 4WZ		
Canterbury Cathedral	Canterbury (Kent), postcode CT1 2EE		
Warwick Castle	Warwick, postcode CV34 4QX		
Edinburgh Castle	Old Town, postcode		
	EH1 2NG		
Chester Zoo	Look north to Upton, CH2 1EU		
Eden Project	North East from St Austell		

Answers!

Here are the answers.

*Remember your 10 figure grid reference will probably be different, as these are very detailed. You will probably not select exactly the same spot as me on the map.

Place	Grid Ref 4 figure	Grid Ref 10 figure
Stonehenge	SU 12 42	SU 12222 42205
Tower of London	TQ 33 80	TQ33610 80563
Roman Baths	ST 75 64	ST 75075 64638
York Minster	SE 60 52	SE 60330 52180
Welsh Assembly	ST 19 74	ST 19417 74417
Canterbury Cathedral	TR 15 57	TR15100 57927
Warwick Castle	SP 28 64	SP 28335 64631
Edinburgh Castle	NT25 73	NT25144 73541
Chester Zoo	SJ 41 69	SJ41052 69865
Eden Project	SX 04 54	SX 04845 54771

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