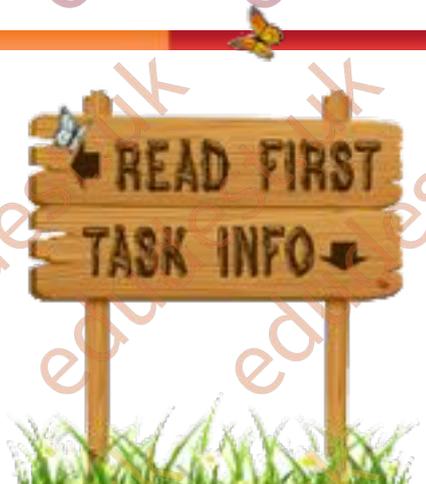


Robin Hill Teamwork Challenge!

INSTRUCTION SHEET

- ▶ You will use GPS to find the special signs around the park
- ▶ The **approximate** co-ordinates for the demo sign are **50.688, -1.243**
- ▶ Practise finding the demo sign until you are sure you can work the GPS
- ▶ Wait by the demo sign where you will receive a briefing
- ▶ Your group leader will tell you which subject activities you are doing today and most importantly, **where the finish point is!**



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	SUPERLATIVE
	1066
	30m NW 305°
	42
	GAME SHOW
What's this? edudest.uk/RH	
	

ENGLISH ACTIVITY

Write down the words on your sheet

HISTORY ACTIVITY

Write down the dates on your sheet

GEOGRAPHY ACTIVITY

Use your compass to find out what is located at the position given

MATHS ACTIVITY

Write down the numbers on your sheet

DRAMA ACTIVITY

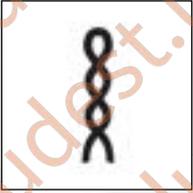
Video record a 60 second sketch using this theme



ENGLISH Activity - Data Collection Sheet

Only fill in this section if you are completing the ENGLISH themed activity

Visit the 12 signs located at the co-ordinates listed below, in any order.



On each sign you will find a word shown next to this symbol.

Write the word in the box next to the co-ordinates below.

Sign Number	Co-ordinates	WRITE WORDS HERE
1	50.689, -1.241	Teaching resources by Education Destination Ltd. Curriculum relevant materials supporting school trips to the Isle of Wight Book today with Education Destination and get full access to this and hundreds more quality resources www.edudest.uk
2	50.689, -1.241	
3	50.688, -1.2389	
4	50.6875, -1.2377	
5	50.6871, -1.2389	
6	50.686, -1.2416	
7	50.6852, -1.2429	
8	50.6869, -1.2438	
9	50.6876, -1.2425	
10	50.6878, -1.2415	
11	50.6878, -1.2442	
12	50.688488, -1.242985	

Collected all 12 words? Now go to the finish point and complete the exercise on the next page.

ENGLISH Activity - Task

Your task is to write the text for a promotional entry in an Isle of Wight holiday brochure which persuades the reader to visit Robin Hill in 150-250 words.

You must include at least 10 of the superlatives you have collected from the signs. Why not include some of your own?

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continue on next page...

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MATHS Activity - Data Collection Sheet

Only fill in this section if you are completing the MATHS themed activity

Visit the 12 signs located at the co-ordinates listed below, in any order.



On each sign you will find a number shown next to this symbol.

Write the number in the box next to the co-ordinates below.

Sign Number	Co-ordinates	WRITE THE NUMBERS HERE
1	50.689, -1.241	<p>Teaching resources by Education Destination Ltd.</p> <p>Curriculum relevant materials supporting school trips to the Isle of Wight</p> <p>Book today with Education Destination and get full access to this and hundreds more quality resources</p> <p>www.edudest.uk</p>
2	50.689, -1.241	
3	50.688, -1.2389	
4	50.6875, -1.2377	
5	50.6871, -1.2389	
6	50.686, -1.2416	
7	50.6852, -1.2429	
8	50.6869, -1.2438	
9	50.6876, -1.2425	
10	50.6878, -1.2415	
11	50.6878, -1.2442	
12	50.688488, -1.242985	

Collected all 12 numbers? Now go to the finish point and complete the exercise on the next page.

MATHS Activity - Task

Let's practise some maths questions.

Wherever you see a black and white box like the one below, copy the relevant answer from the previous page.

EXAMPLE: if the number on **sign 3** was 50, write **50** in the box and use it to finish the sum, like this:

$$\mathbf{3} \quad \boxed{50} \quad \text{times } 2 = \boxed{100}$$

Here are your questions...

Answers

Convert $\mathbf{2}$ from Roman numerals to decimal

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Take away the **RANGE** of all the answers from the **SUM** of all the answers

The **MEAN** of all the answers **ROUNDED UP** to the nearest

$$\mathbf{5} \quad \boxed{} =$$

What is the **MEDIAN** of all the answers?

Express $\sqrt{\mathbf{3} \quad \boxed{}} \times \left(\mathbf{7} \quad \boxed{} + \mathbf{8} \quad \boxed{} \right) =$

Express $\mathbf{6} \quad \boxed{}^2 - \left(\mathbf{12} \quad \boxed{} \div \mathbf{7} \quad \boxed{} \right) =$

If $a = \mathbf{11} \quad \boxed{}$ and $b = \mathbf{7} \quad \boxed{}$ calculate $3a + b$

What is the **SUM** of **ALL NINE** factors of $\mathbf{3} \quad \boxed{} + \mathbf{10} \quad \boxed{} ?$

Now you have your answers, check out the code breaking exercise on the next page!

MATHS Activity - Extension

Now let's use your 9 answers from the previous page to crack the special code!

Each answer can be turned into a letter using the following cipher.

First translate each of your 9 answers into letters, then rearrange them to make two words!

Answer	Letter	Answer	Letter	Answer	Letter	Answer	Letter
47	→ A	50	→ H	29	→ O	55	→ U
595	→ B	223	→ I	201	→ P	2	→ V
111	→ C	6	→ J	91	→ Q	1000	→ W

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Write your 9 letters here

--	--	--	--	--	--	--	--	--

Rearrange these letters into two words!

--	--	--	--	--	--	--	--	--

- ▶ Now think of your own short phrase (keep it clean!) and use the cipher to turn it into numbers.
- ▶ From your bank of numbers make up 5 new maths questions similar to those on the previous page.
- ▶ Swap your questions with other groups or individuals to see if they can work out your phrase!

HISTORY Activity

Only fill in this section if you are doing the HISTORY themed activity

Visit the 12 signs located at the co-ordinates listed below, in any order.

On each sign you will find a year (date) shown next to this symbol.



Write the dates in the box next to the co-ordinates and **then draw a line** linking each date to one of the key events in Isle of Wight history. See how many you get right!

Once you know you have the correct answers, transfer these onto a timeline in the correct order. Why not add in some more key UK historical events that you already know about?

Sign	Co-ordinates	DATE
1	50.688, -1.241	
2	50.688, -1.240	
3	50.688, -1.2389	
4	50.6875, -1.2377	
5	50.6871, -1.2389	
6	50.686, -1.2416	
7	50.6852, -1.2429	
8	50.6869, -1.2438	
9	50.6876, -1.2425	
10	50.6878, -1.2415	
11	50.6878, -1.2442	
12	50.688488, -1.242985	

Shipbuilding starts at Cowes

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William the Conqueror visits
Carisbrooke Castle

Radar station built at Ventnor

Black Death hits the Isle of
Wight

Ryde Pier opens

Huge landslide at Blackgang

Queen Victoria first holidays at
Norris Castle

Dickens writes 'David
Copperfield' on the Island

Electric power cables laid

Cowes - Newport railway opens

Now go to the finish point where your teacher will give you the correct answers!

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GEOGRAPHY Activity

Only fill in this section if you are doing the GEOGRAPHY activity

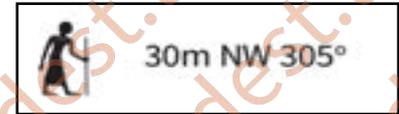
Visit the 12 signs located at the co-ordinates listed below. You can do them in any order, but number 12 **must** be the last one. On each sign you will find three pieces of information shown next to this symbol:



These are:

1. A distance in metres (*example: 30 metres*)
2. A compass direction (*example: NW (North West)*)
3. A compass reading, in degrees (*example: 305 degrees*)

EXAMPLE:



Standing with your back to the sign, use this information to spot a feature or landmark within Robin Hill using your compass and the approximate distance given. This might be a ride, a building, or a sculpture for example. Record the feature, and decide whether you agree with our compass reading by taking your own. See how many you get right!

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Sign	Coordinates	FEATURE	COMPASS DIRECTION	READING
1	50.689, -1.241	www.edudest.uk		
2	50.688, -1.2407			
3	50.688, -1.2389			
4	50.6875, -1.2377			
5	50.6871, -1.2389			
6	50.686, -1.2416			
7	50.6852, -1.2429			
8	50.6869, -1.2438			
9	50.6876, -1.2425			
10	50.6878, -1.2415			
11	50.6878, -1.2442			
12 (LAST)	50.688488, -1.242985	Not applicable		

Identified all 12 features? Now go to the finish point where your teacher will give you the correct answers!

DRAMA Activity

Only use this section if you are doing the DRAMA activity

Visit the 6 signs located at the co-ordinates listed below, in any order.

On each sign you will find a theme shown next to this symbol.



Your challenge is to video record 60 second sketches using the themes shown.

Take a few minutes to plan each sketch and try to use different actors. You should also try to make the most of any park features you are near at the time.

After your visit you will be able to edit your footage and hold a competition with the rest of your class or group to vote on the best overall film.

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1	50.689, -1.241	
2	50.688, -1.2407	
3	50.6881, -1.239	
4	50.6875, -1.2377	
6	50.686, -1.2416	
10	50.6878, -1.24153	

Completed all 6 sketches? Now go to the finish point and meet up with the rest of your group.

TEACHER'S ANSWER SHEET

ENGLISH - word list (top to bottom): Amazing, adventurous, exciting, fun, brilliant, fantastic, unforgettable, astounding, sensational, challenging, outstanding, epic.

MATHS - numbers list (top to bottom): 256, XLII (42), 100, 7, 50, 16, 3, 2, 1000, 5, 13, 99

MATHS - answers to sums (top to bottom): 42, 13, 595, 150, 29, 50, 223, 42, 223

MATHS - cipher letters (left to right): LRBNOHILL rearrange to ROBIN HILL

HISTORY - dates (top to bottom): 1352 - Black Death; 43 - Romans; 1831 - Queen Victoria; 1898 - Electric; 1938 - Radar; 1849 - Dickens; 1082 - William the Conqueror; 1792 - Gas Lighting; 1814 - Ryde Pier; 1928 - Landslide; 1620 - Shipbuilding; 1862 - Cowes - Newport railway

GEOGRAPHY - Features (top to bottom): Tug o' War, Buried Roman Villa, Giraffe, Island, Pagoda, Splash Attack, Oasis Cafe, Squirrel Tower, Owl & Pussycat, Gypsy Caravans, Colossus Ride. Feature identified

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