

## 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
- ▶ Before you set off your teacher or group leader will give you a briefing
- ▶ You will be told which subject activity you are doing today and most importantly, **where the finish point is!**



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	<b>SUPERLATIVE</b>
	1066
	30m NW
	42
	<b>GAME SHOW</b>
What's this? <a href="http://edudest.uk/RH">edudest.uk/RH</a>	
	

### ENGLISH ACTIVITY

Write down the words on your sheet

### HISTORY ACTIVITY

Write down the dates on your sheet

### GEOGRAPHY ACTIVITY

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

### MATHS ACTIVITY

Write down the numbers on your sheet

### DRAMA ACTIVITY

Video record a 1 minute sketch using this theme



## ENGLISH Activity - Data Collection Sheet

Only fill in this section if your teacher has told you to do ENGLISH

Visit the 12 signs located at the co-ordinates listed below. You can do them in any order. Why not take turns in your group to choose the next number?



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 THE WORDS 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><a href="http://www.edudest.uk">www.edudest.uk</a></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 words? Now go to the finish point and complete the exercise on the next page.

## ENGLISH Activity - Task

The 12 words you have collected are all **superlatives**.

Your task is to **write a postcard home** describing your day at Robin Hill using as many of these superlatives as you possibly can.

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POSTCARD

## MATHS Activity - Data Collection Sheet

Only fill in this section if your teacher has told you to do MATHS

Visit the 12 signs located at the co-ordinates listed below. You can do them in any order. Why not take turns in your group to choose the next number?



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><a href="http://www.edudest.uk">www.edudest.uk</a></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:

<b>3</b>	50
----------	----

$$\text{times } 2 = 100$$

**OK - Here are your questions!**

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<b>4</b>		times	<b>7</b>		times	<b>8</b>		=	
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Express	<b>5</b>		as a percentage of	<b>9</b>		=		%
---------	----------	--	--------------------	----------	--	---	--	---

Express	<b>1</b>		rounded DOWN to the nearest	<b>3</b>		=	
---------	----------	--	-----------------------------	----------	--	---	--

Convert	<b>2</b>		from Roman numerals to decimal	
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What is	<b>10</b>		squared?	
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Which of the answers is the largest PRIME number?

AVERAGE (mean) of these 3 numbers	<b>1</b>		<b>11</b>		<b>4</b>		=	
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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	92	→ H	800	→ O	55	→ U
5	→ B	200	→ I	201	→ P	2	→ V
111	→ C	6	→ J	91	→ Q	1000	→ W

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Write your 9 letters here

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

Now rearrange these letters into two words!

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

## HISTORY Activity

Only fill in this section if your teacher has told you to do HISTORY

Visit the 12 signs located at the co-ordinates listed below. You can do them in any order. Why not take turns in your group to choose the next number?



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!

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

Gas lighting introduced

Princess Alice on the Hill

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!

## GEOGRAPHY Activity

Only fill in this section if your teacher has told you to do GEOGRAPHY

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. Why not take turns in your group to choose the next number?

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*) - **you should ignore this**

**EXAMPLE:**



Stand with your back to the sign. Use your compass to get the approximate direction, and estimate (or measure) the distance to work out what the feature might be. It could be a ride, a sculpture or another park feature.

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		<a href="http://www.edudest.uk">www.edudest.uk</a>
1	50.689, -1.241	
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 ONE)	50.688488, -1.242985	Not applicable - this one is just for fun!

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 your teacher has told you to do DRAMA

Visit the 6 signs located at the co-ordinates listed below. You can do them in any order. Why not take turns in your group to choose the next number?



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

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): 800, 200, 42, 5%, 200, 42, 25, 13, 92

**MATHS** - cipher letters (left to right): O I L B I L N R H 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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