

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
- ▶ Your teacher will tell you which subject activity you are doing today and most importantly, **where the finish point is!**
- ▶ **This version is suitable for wheelchair users but be aware that there are some steep hills in the park so you may need assistance**




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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

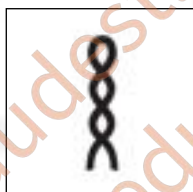
Video record a 60 second sketch using this theme



ENGLISH Activity - Data Collection Sheet

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

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 word shown next to this symbol.

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

Sign Number	Co-ordinates	WRITE YOUR WORDS HERE
1	50.6891, -1.2411	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	50.6891, -1.2411	
4	50.6875, -1.237	
6	50.686, -1.2416	
9	50.6876, -1.2425	
11	50.6878, -1.2442	

Collected all 6 words? Now go to the finish point and complete the exercise on the next page.

ENGLISH Activity - Task

The 6 words you have collected are all **superlatives**. Think of **6 more** of your own and add them to the list.

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

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MATHS Activity - Data Collection Sheet

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

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 number shown next to this symbol.

Write the number in the box next to the co-ordinates below. We've included the numbers from 6 other signs which are not accessible.

Sign Number	Co-ordinates	WRITE YOUR NUMBERS HERE
1	50.6891, -1.2411	
2	50.6891, -1.2411	
3	50.6891, -1.2411	
4	50.6875, -1.2377	
5	50.6875, -1.2377	50
6	50.686, -1.2416	
7	50.686, -1.2416	3
8	50.686, -1.2416	2
9	50.6876, -1.2425	
10	50.6876, -1.2425	5
11	50.6878, -1.2442	
12	50.6878, -1.2442	99

Collected all of the 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:

3

times 2 =

OK - Here are your questions!

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4 times **7** times **8** =

Express **5** as a percentage of **9** = %

Express **1** rounded DOWN to the nearest **3** =

Convert **2** from Roman numerals to decimal

What is **10** squared?

Which of the answers is the largest PRIME number?

AVERAGE (mean) of these 3 numbers **1** **11** **4** =

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 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 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	50.6891, -1.2411	
2	50.688, -1.2407	
4	50.6875, -1.2377	
6	50.686, -1.2416	
9	50.6876, -1.2425	
11	50.6878, -1.2442	

Shipbuilding starts at Cowes

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Wight

Ryde Pier opens

Dickens writes 'David Copperfield' on the Island

Electric power cables laid

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 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 three pieces of information shown next to this symbol:

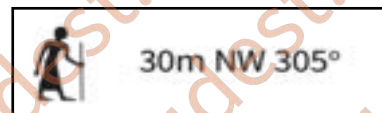


These are:

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:



With your back to the sign, use this information to spot a feature or landmark within Robin Hill using your compass. This might be a ride, a building, or a sculpture for example.

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1	50.6891, -1.2411	
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4	50.6875, -1.2377	
6	50.686, -1.2416	
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11	50.6878, -1.2442	

Identified all 6 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 4 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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1	50.6891, -1.2411	
2	50.688, -1.2407	
4	50.6875, -1.2377	
6	50.686, -1.2416	

Completed all 4 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, fun, fantastic, sensational, outstanding.

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; 1898 - Electric; 1849 - Dickens; 1814 - Ryde Pier; 1620 - Shipbuilding

GEOGRAPHY - Features (top to bottom): Tug o' War, Buried Roman Villa, Island, Splash Attack, Owl & Pussycat, Colossus Ride. Feature identified at demo sign: Wooden Maze entrance

DRAMA TOPICS (top to bottom): News Report, Roman Remains Discovery, Nature Documentary, Silent Movie.

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