



CASTLETOWN

HOUSE, COURTYARD CAFÉ, PARKLANDS, EVENTS & CONFERENCE CENTRE

Maths Trail

1ST & 2ND CLASS

A Note for Teachers and Guides

Use the outside section weather depending, or eliminate if the children are tired after a Nature Walk. Use your discretion as depending on time, you may find you only use some of the questions in the three sections below.

Forecourt (Front of Building)

Look carefully. How many columns (pillars) are there to the left of the house?

Is there the same number on the right side of the house? First estimate and then check the number.

Look at the bigger bench in the colonnade. Before you sit on the bench, estimate how many children can fit on the bigger bench in the colonnade.

Ask one of the groups to all sit on the bench to check if the estimate is correct. How many children fit?

How many windows are there on the top floor?

Is that an odd or an even number?

Look at the pattern shape above the windows in the middle row on the front of the house. Describe the shapes above the window.

What shape would come next in the pattern?

How many triangles can you see on the front of the house?

What other shape can you see beside each triangle?

How many steps can you count leading up to the house?

Entrance Hall

With your back to the front door, look at the door straight in front of you. How many panels are on this door?

Are all the panels the same size?

What shape are the two large pillars in front of the door?

How many giant steps do you need to take to get to the other side of the hall? First estimate and then check the number. Do children of different sizes take a different number of steps? Talk about this with your teacher.

How many windows are in the Entrance Hall?

How many more would you need to make 10?

(Careful here, without leaning/climbing on the table.) What date can you see on the smaller picture in the Entrance Hall?

Add these four numbers together.

Can you see anything in this hall that would not have been here many years ago?

Staircase Hall

How many small panes of glass is there altogether in the windows downstairs in this Hall?

How many animal faces can you count in the picture on the wall?

Are there more tiles in this Hall or in the Entrance Hall?

How many steps is there altogether on the stairs?

The legs of the table are like lion's feet. How many claws can you count altogether?

Sketching Activity

