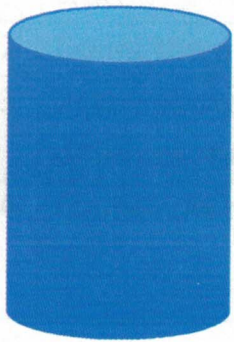
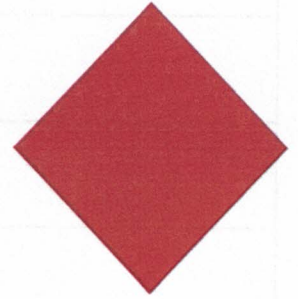
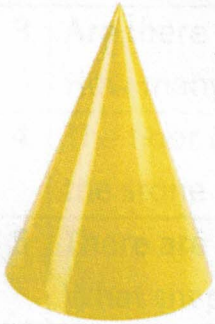
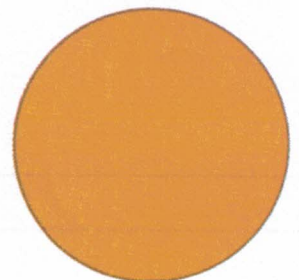
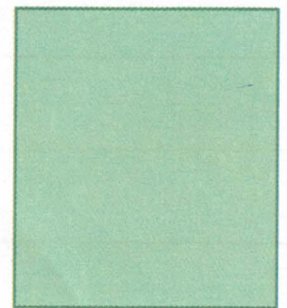
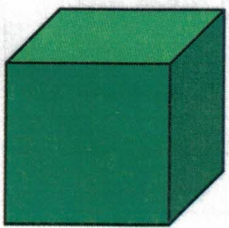
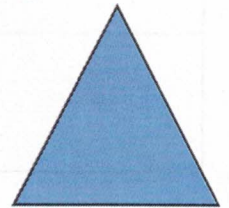


SHAPE UP AT RATHFARNHAM CASTLE



The castle is full of shapes – Circles, Squares, Rectangles, Ovals, Semi circles, Triangles and Octagons. And 3-D shapes Spheres, Cubes, Cones, and Cuboid.

Use the worksheet to identify all the shapes in the Castle.



Entrance Hall

1	Can you see an arched shape? This object was very useful for the porter.	
2	In the stained glass windows there are coloured glass triangles. How many can you count?	
3	Are there the same number in each window? How many triangles are there all together?	
4	The floor is made of Portland stone, in what shape is the stone cut to form an overall pattern?	
5	There are two columns in the middle of the room. What shape are they?	
6	How many sides does this shape have?	

Saloon

1	What shape are the paintings, are they all the same size?	
2	Count the pictures in the ceiling. How many are there?	
3	In the plaster work ceiling, there are a number of different shapes, name them.	
4	Count how many there is of each shape.	

Dining Room

1	Looking up at the ceiling can you name the shape over the main part of the room?	
2	There are four windows in the dining room, what shape are they?	
3	Can you find more examples of this shape in the window?	

The model of 18thc demesne

1	Is the model 2-D or 3-D?	
---	--------------------------	--

Now continue upstairs.

Ante Room

1	What shape are the two mirrors?	
2	Where can you find 2 semi circle shapes?	

Ballroom

1	How many paintings are on the walls?	
2	Name the different shapes of the table tops.	
3	Look up at the ceiling - name some shapes you can see.	
4	Add up how many are there of each shape you have named.	

Room to the left end of Ballroom

1	The ceiling in this room has how many sides?	
2	What is this shape called?	

Family withdrawing room

1	Around the windows, doors and in the plaster work there are shapes, they are a bit like something a hen lays. What shape are they?	
2	How many are there?	

Four Seasons Room

1	The paintings on the ceiling are of the seasons. How many seasons are there?	
2	The mirror on the wall is what shape?	
3	Can you find a similar shape somewhere else?	

Gilt Room

1	How many circles can you count in this gold ceiling?	
2	How many doors?	
3	How many tables?	
4	Add them all together - circles + doors + tables =	

Good work!

You have really shaped up and have done lots of sums.

Name _____

Class _____