

Museum

Maths

KS 2, ages 9-12

NAME _____

SCHOOL _____

Ulster Folk & Transport Museum

STAGE 1

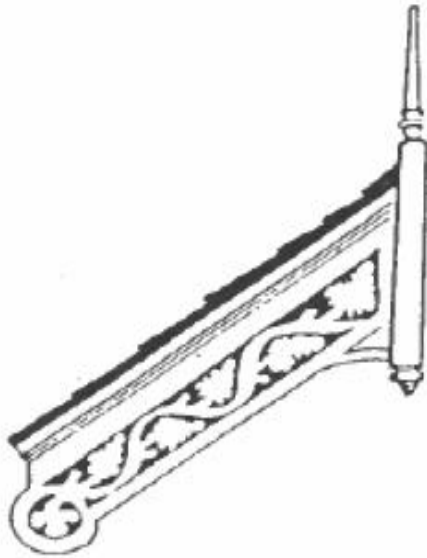
CLUAN PLACE



1. How many houses are in Cluan Place (include both sides of the street)?

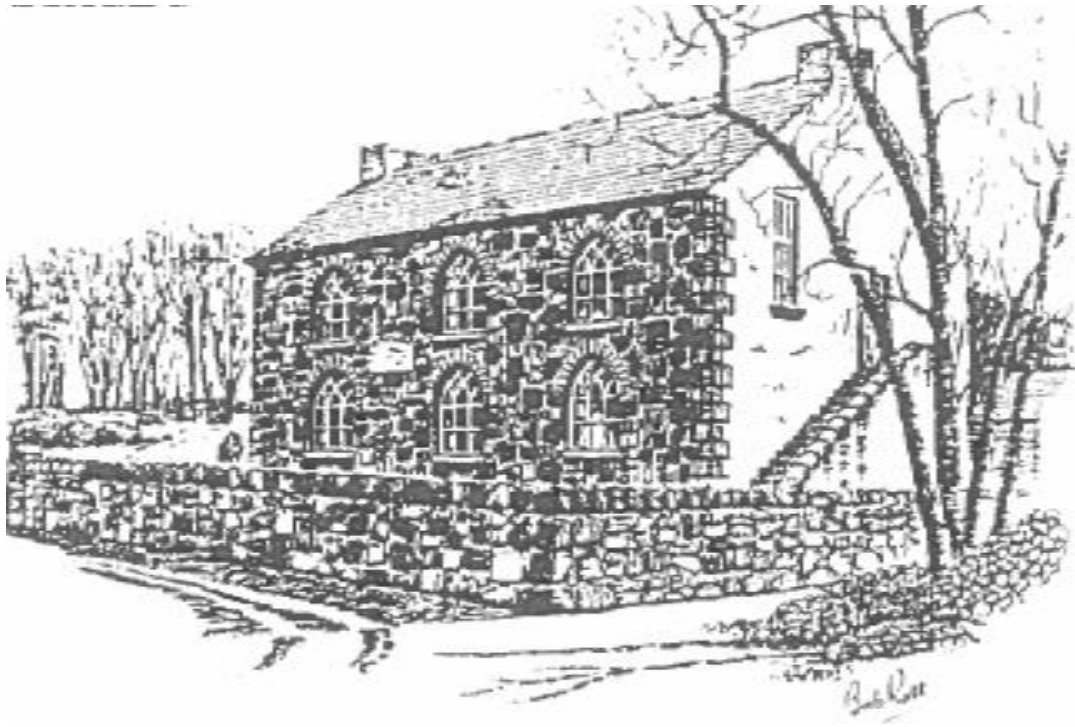
2. The decorative edging above the front doors of Cluan Place is called 'barge board'. Are both sides exactly the same?

3. One side has been drawn for you. Draw the other side making sure it is symmetrical.



4. How many kite-shaped spikes can you count on the railings outside Cluan Place? Don't forget the railings at the side.

Use a counting trick to work out your calculations more quickly.



1. Find the year this building was built. Calculate how old Ballyveridagh National School is today?

2. How many individual panes of glass are in the windows of the school?
(Think of a way of calculating the answer without counting each single glass pane.)

3. The wall around the school yard was built in 1850. At that time it cost £55.00 approximately to build. This was one third of the cost of the school when it was built. What was the total cost of the school and the wall?

STAGE 3

LISMACLOSKEY RECTORY



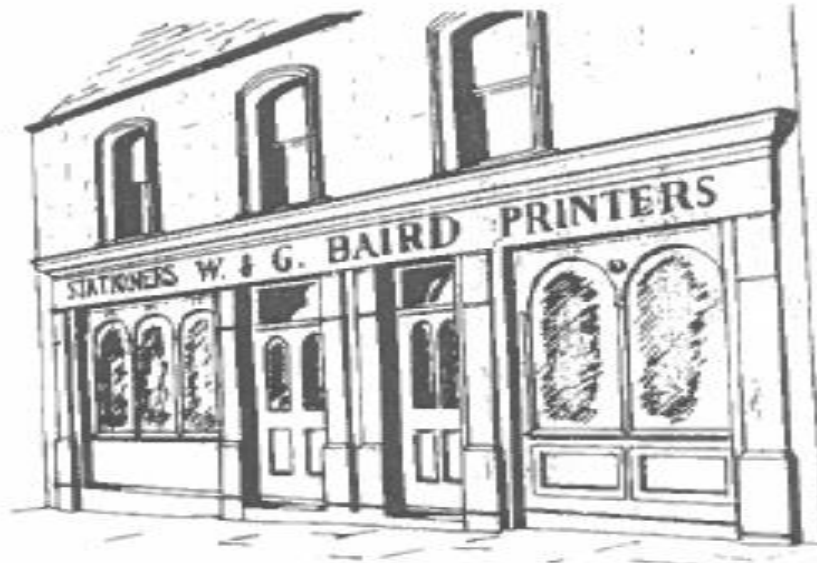
1. Stand outside the Rectory and estimate its length in metres.

2. Now estimate the width of the Rectory in metres.

3. Stand outside the Rectory facing the front door. Turn 2 right angles to the right. What garden feature are you looking at?

STAGE 4

PRINT SHOP



1. Look at the front of the print shop.
Is the building symmetrical?

2. How many roof tiles do you think would be needed
to tile the front area of the roof?
(Think of a way you could do this calculation quickly.
Try not to simply count each tile)

3. Estimate the total distance around the Print Shop
in metres.

4. Look through the window at the 1844 "Eagle" printing
press. How old is it today?

STAGE 5

CUSHENDALL MARKET/COURT HOUSE



1. The clerk issues summonses every Wednesday and Saturday from 10am until 2pm. If he has a total of 4 weeks holidays throughout the year, how many hours does he work in a year?

STAGE 6

NORTHERN BANK



1. How many complete months is it since the stone was laid by Sir Desmond Lorimer?
2. How many rectangles are in the bottom right hand window of the bank?

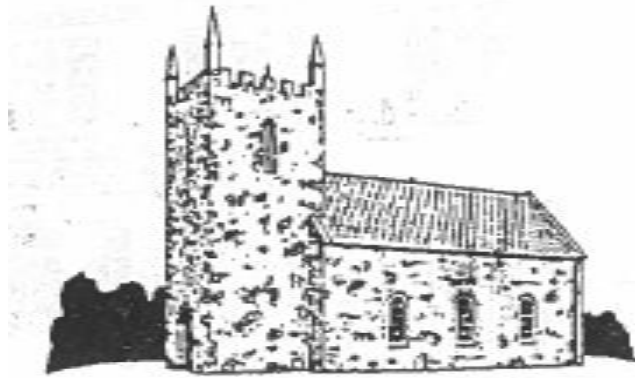
3. Draw the shape of the window below. Make sure you count all of the rectangles.

**4. When you walk out of the front door of the bank, what direction are you walking?
(Clue: The doors of the church are facing west.)**



STAGE 7

KILMORE CHURCH



Walk right around the church.

- 1. Imagine a drone or a bird is flying over the church.
Draw the shape they would see in the box below:**

Move on to the graveyard

2. In what year was Mussenden Auld born?

3. How many people have been buried under this horizontal slab?

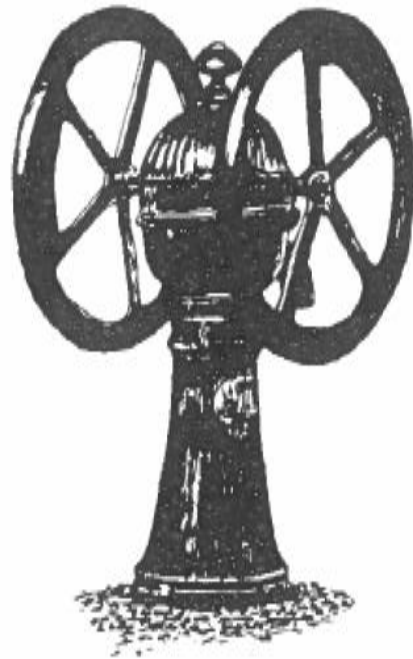
4. Go to the other horizontal (or fallen) headstone. Fill in the table below and complete the last column.

	Died	Age	Birth Year
James McKee			
Elizabeth McKee			
William McKee			
Eliza McKee			

5. How many vertical headstones can you count?

STAGE 8

VILLAGE SQUARE



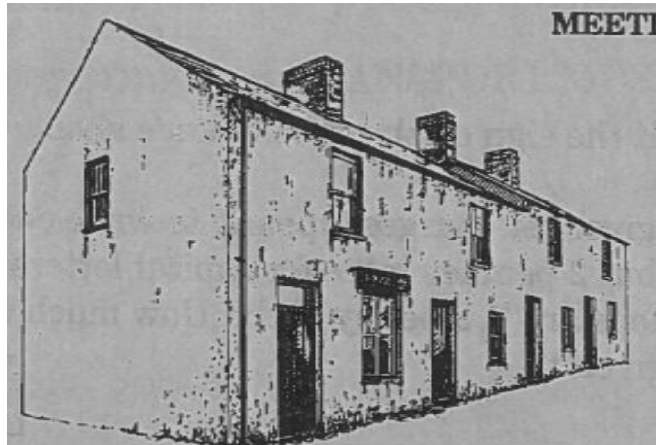
Find the pump in the village square.

1. Draw one of its handles in the box below:

2. What does each angle in the centre measure?

STAGE 9

MEETING STREET



1. Find the sign on the shoemaker's shop.

The signwriter charges 1 penny to write each letter but 2 pennies more for capital letters. Full stops are $\frac{1}{2}$ a penny each. How much did the sign cost?

2. Multiply the number of panes of glass by the number of doors on Meeting Street including the Carpenter's shop. Divide your answer by the number of chimneys. What is the final number whole number?

3. Look at the large wall sign advertising mustard. How many letters in the two words are symmetrical ?

STAGE 10 INDEPENDENT ORDER OF GOOD TEMPLARS HALL (I.O.G.T. Hall)

1. How old is the Independent Order of Good Templars Hall (I.O.G.T)?