

PO253 OO/HO VILLAGE SCHOOL

SHEET 1

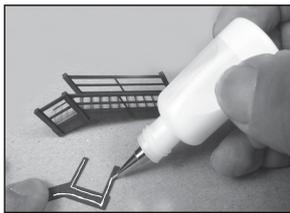
To construct this kit you will need the following:

1. A Modellers knife.
2. A pair of sharp pointed scissors.
3. A steel ruler.
4. Glue
See glue and fine tip applicator below.
5. A cutting surface - a sheet of card or a cutting mat.
6. Tweezers to hold the smaller components

READ THROUGH ALL THE INSTRUCTIONS BEFORE YOU START. This is complex kit that requires particular attention to fine details.

METCALFE Ultra Fine Tip Glue Bottles

These bottles are essential for gluing the smaller components in this kit.



Tiny strips or spots of glue can be accurately laid down with precision.



Always replace the pin after use and store the bottles upside down to keep the glue moist.

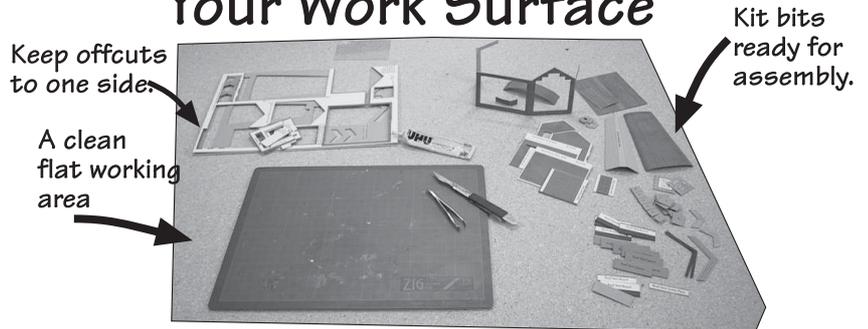
GLUES

UHU Solvent Free All Purpose Adhesive Glue

Works superbly well in our fine glue applicators. Dries quickly, but allows time for positioning of kit parts as described further on in the instructions.

Also Deluxe Materials 'SPEEDBOND' A fast drying PVA. see www.deluxematerials.com

Your Work Surface



Keep it tidy. When you have extracted all the components from the sheet, place them in neat piles, FACE UP on sheets of thick card, so you can move them around as needed. TAKE CARE WITH SMALL COMPONENTS PLACE MULTIPLES IN PILES TOGETHER. DON'T THROW ANYTHING OUT. Offcuts can come in handy for bracing etc. and it also reduces the risk of accidentally throwing anything away.

PLEASE NOTE

Each component is fastened to the sheet by means of a score line. These are cut lines that have only gone about three quarters of the way through the card.

To detach each component from the sheet, locate the scoreline that is holding it in place, (most of these are clearly marked with a blue arrow) and carefully run the point of your knife along the scoreline, and the item will come seamlessly away.

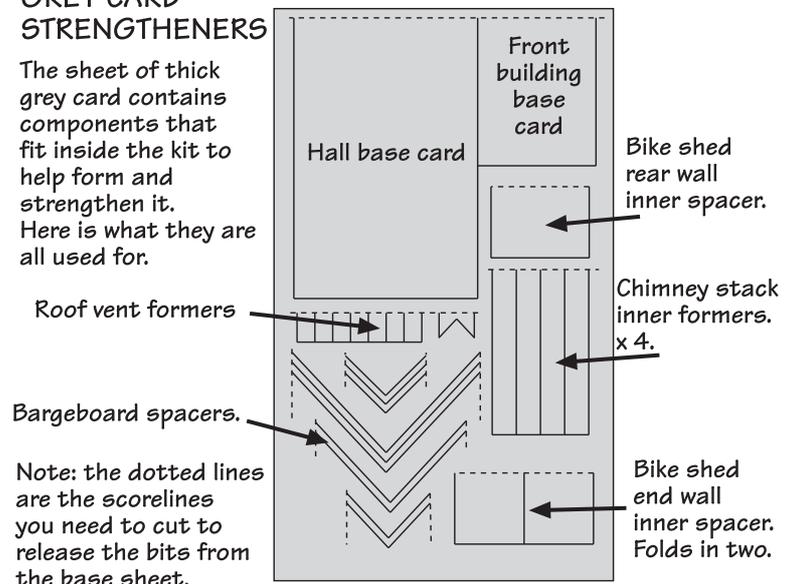
CAUTION - Be very careful when running the point of your knife along the scorelines. It is easy to run out of the groove and cut something you shouldn't.

CHECK LIST

- This kit pack should contain the following:
- 1x SHEET A - Folded sheet with Main hall walls etc.
 - 1x SHEET B - Front gable building, steps etc.
 - 1x SHEET C - Roof sections.
 - 1x Small sheet with ROOF VENT TOP & instructions.
 - 1x GLAZING SHEET.
 - 1x PLAIN GREY CARD with inner strengthening pieces.
 - 1x A3 INSTRUCTION SHEET.
 - 1x A4 INSTRUCTION SHEET
 - 1x RIDGE TILE SHEET.

GREY CARD STRENGTHENERS

The sheet of thick grey card contains components that fit inside the kit to help form and strengthen it. Here is what they are all used for.



Note: the dotted lines are the scorelines you need to cut to release the bits from the base sheet.

Fig. 1. MAIN HALL OUTER WALLS.

The main hall is made up with two outer wall sections that fold around the grey base card.
Start by folding over the yellow tabs and gluing to the back of the outer walls.

This large yellow tab overhangs the edge of the wall so it can be fixed to the other half of the building

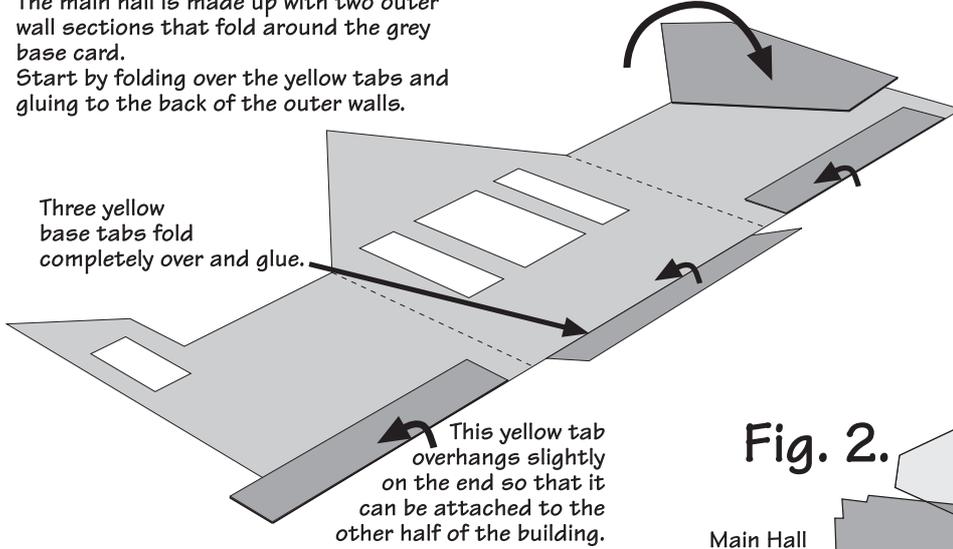


Fig. 2.

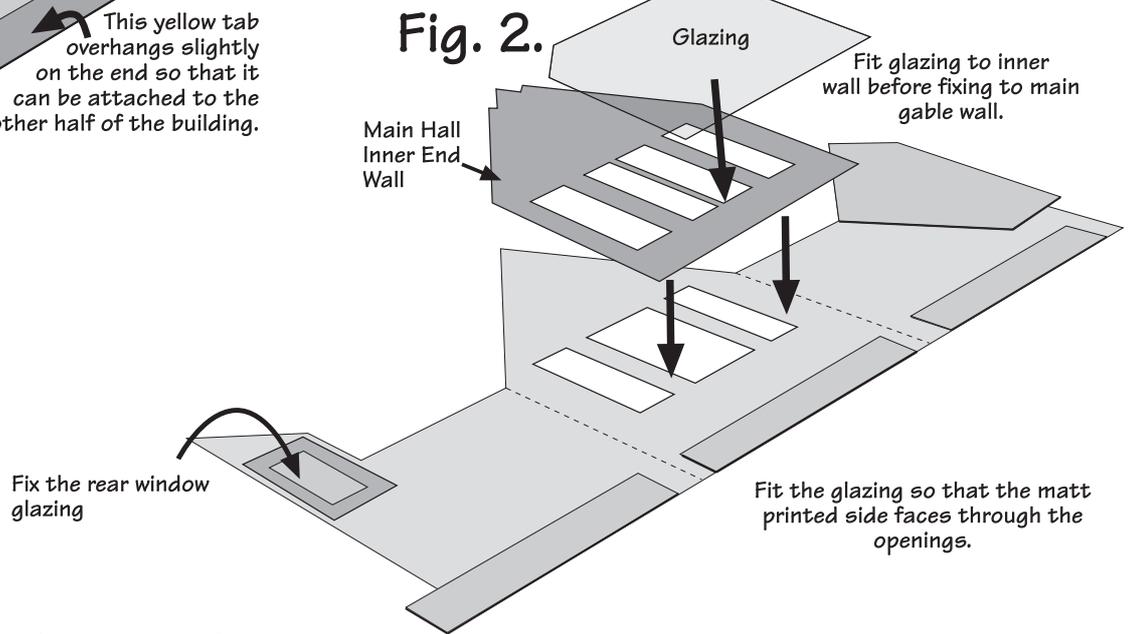


Fig. 3.

Fix the glazing to the back of the MAIN HALL INNER END WALL
There are two of these, both identical.
Then fix to the gable wall so it faces through the three window openings centered all round.

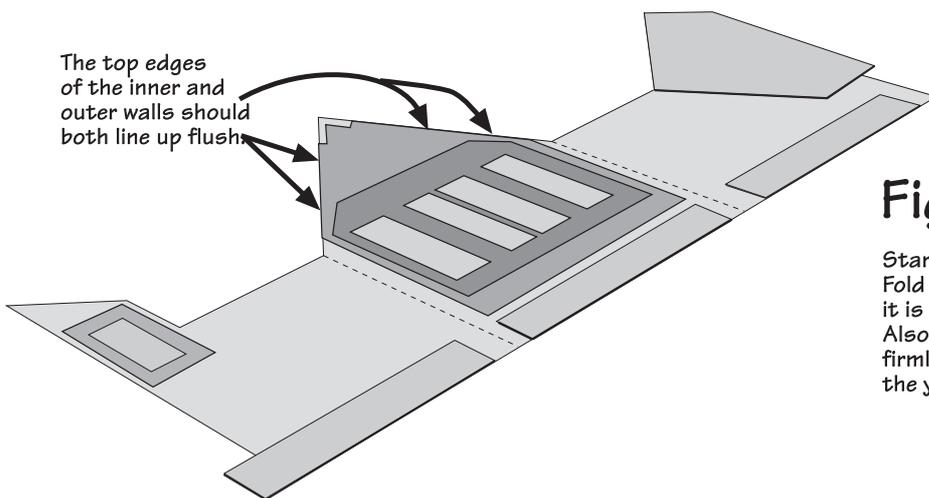


Fig. 4. FIX WALLS TO GREY BASE CARD.

Starting with the right hand wall.
Fold it around the grey card making sure that it is pressed firmly against the edges.
Also make sure that the grey card is sitting firmly down on top of the yellow tabs.

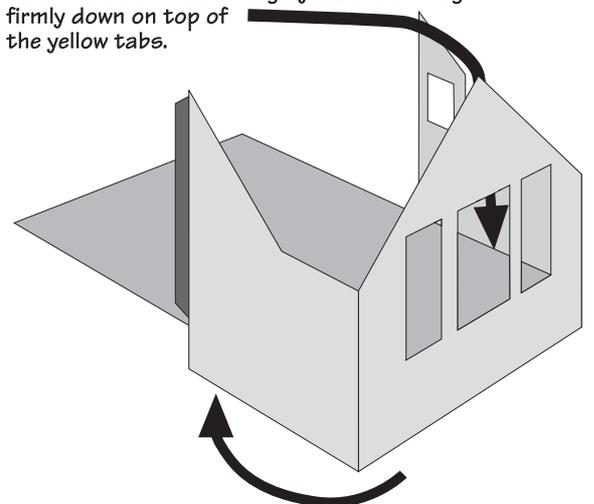
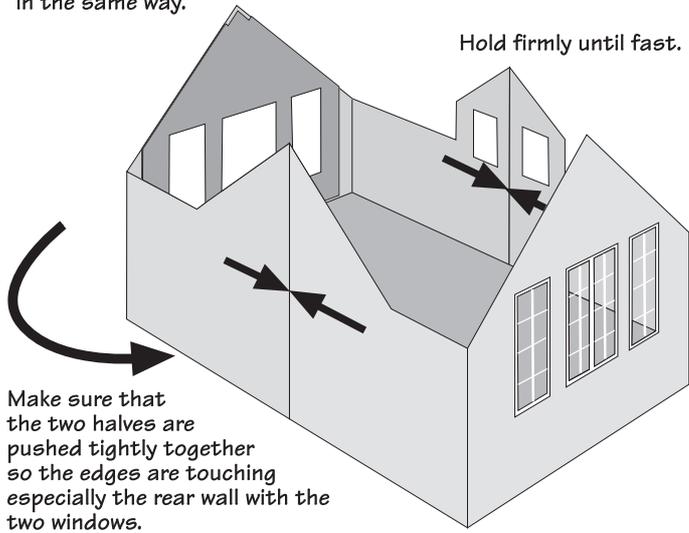


Fig. 5. ATTACH OTHER HALF OF MAIN HALL.

Next, fix the other half of the hall walls in the same way.



Make sure that the two halves are pushed tightly together so the edges are touching especially the rear wall with the two windows.

NOTE:
THERE IS A YELLOW 'MAIN HALL JOINER' ON SHEET A
This is a mistake - throw it away!

Fig. 7. FOLD WALLS AROUND BASE CARD.

Fold the walls around the grey base card.

The grey card should be sitting firmly down on top of the yellow tabs.

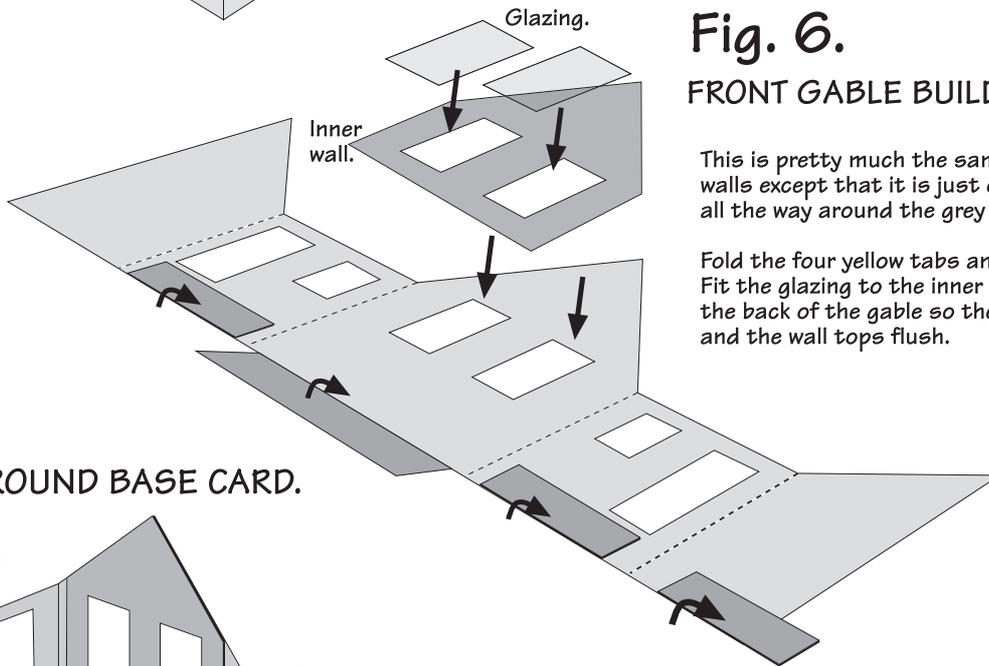
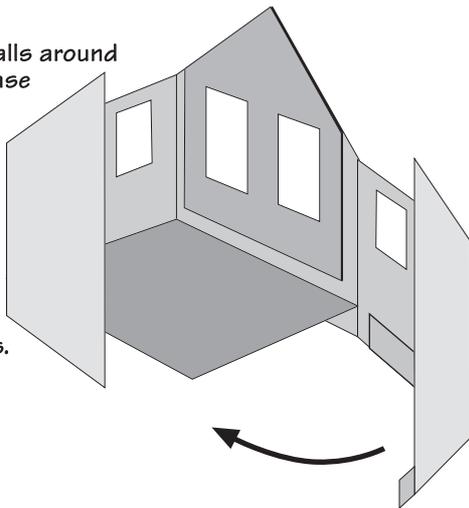


Fig. 6. FRONT GABLE BUILDING.

This is pretty much the same as the main hall walls except that it is just one unit that wraps all the way around the grey base card.

Fold the four yellow tabs and glue to back of walls. Fit the glazing to the inner front wall and fix to the back of the gable so the windows are centred and the wall tops flush.

REAR GABLED WALL.

Side tabs folded at right angles.

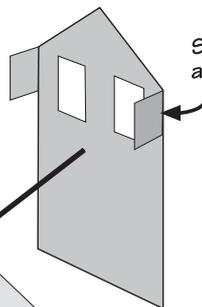
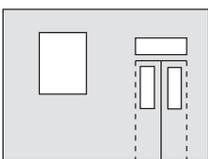


Fig. 8. ATTACH FRONT BUILDING TO MAIN HALL.

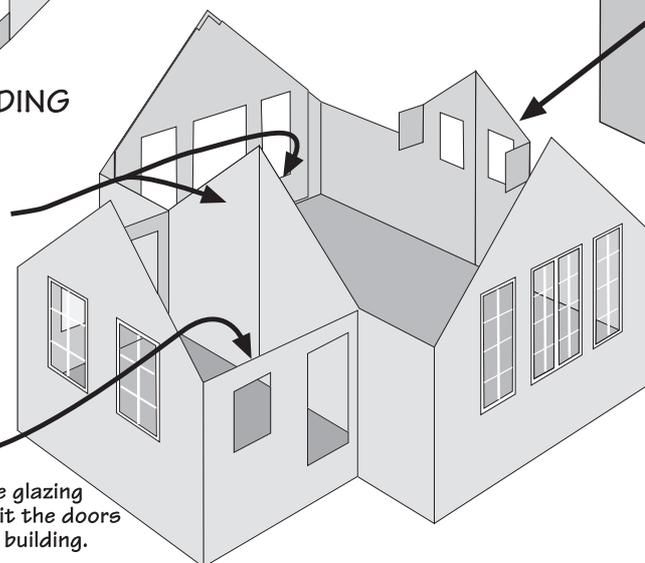
Stand the two buildings on a flat surface and line up the two inner walls and glue firmly together.

Next, attach the glazing to the two inner side walls with the doors.

The doors are cut and creased so that they can be opened. If you want the doors open, then use the two individual glazing pieces, otherwise it is much easier to simply fix a piece of plain unprinted plastic over the whole door. The window over the door has no printed glazing, just cut a plain piece of plastic.

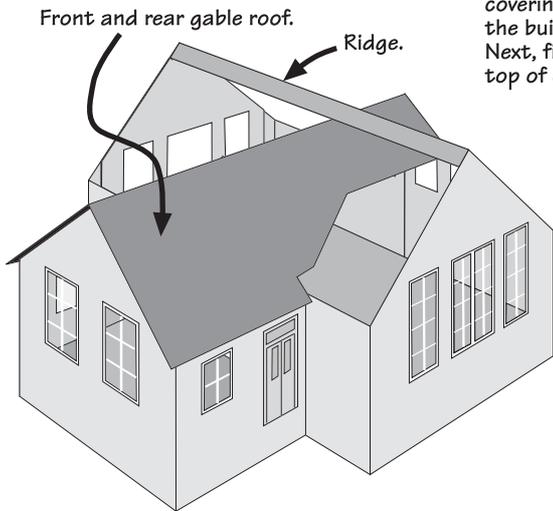


After the glazing is fast, fit the doors in to the building.



This fits over the joint on the back wall of the main hall. The two side tabs fold in at right angles, there is no need to fix these to anything. Make sure the top edges and windows line up.

Fig. 9. ROOF SECTIONS.



There are three roof sections that fit over each other to cover the whole building. Start with the 'front and rear gable roof'. This fits through the building covering both front and rear gables. It should overhang at the front of the building and fit flush up to the edges of the rear gable. Next, fit the hall roof ridge strengthener. This fits in the slots at the top of each gable wall, then fit the main hall roof over the top.

Finish off by attaching the rear gable roof.

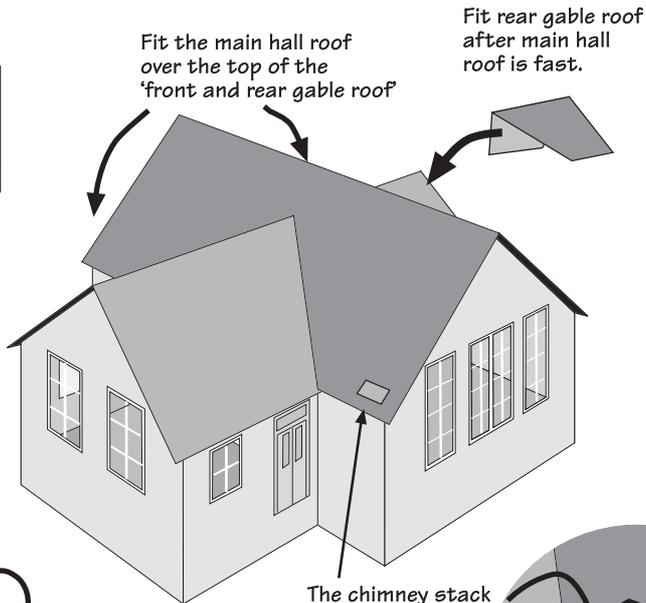
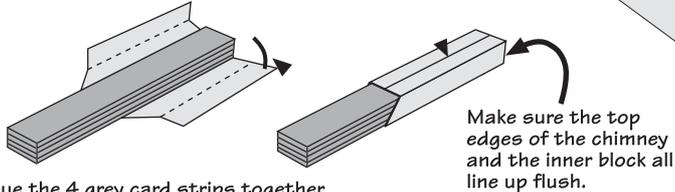


Fig. 10. CHIMNEY.

There is just one tall chimney that slots in to the hole on the main roof.



Glue the 4 grey card strips together to form a solid block. Then wrap the chimney around so the two ends meet firmly together.

The chimney stack then slots down inside the main hall through the hole in the roof.



CHIMNEY POTS & CHIMNEY STACKS

Cut out the terracotta coloured strips below and roll tightly around a metal rod to form a cylindrical shape. Drill bits, nails or even knitting needles can be used for this.

Then roll the strip of pre curled paper around the metal rod. A drill bit is best used: for 00 scale 3 or 4mm. diameter. Roll up tight and keep rolling until the paper is fully curled around.

Mount the pots on to the chimney capping stones before fixing to the main chimney stacks.

Then unroll the end back out just enough to smear with a little glue, then roll back up and hold tight until the glue has set.

Keep edges straight.

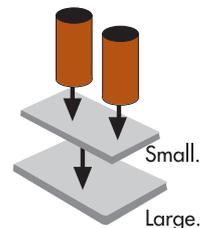
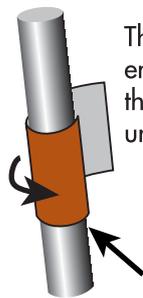
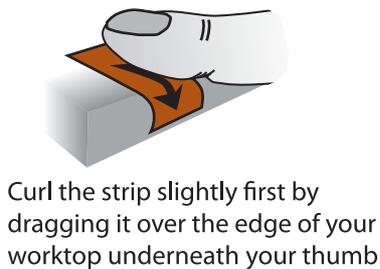
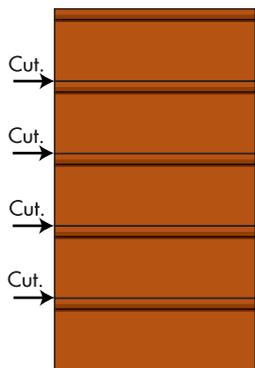
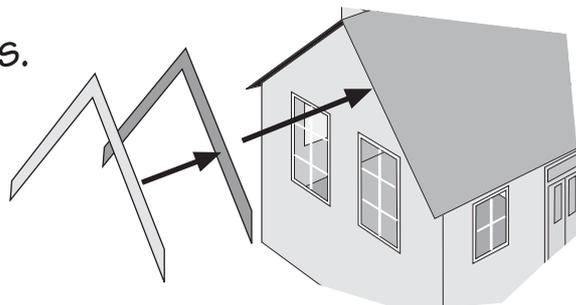


Fig. 11. BARGEBOARDS.

Fit the grey spacer first up against the gable wall and the underside of the overhanging roof. Then fit the bargeboard on to the spacer. A pair of tweezers will make this job a lot easier.



If you want to space the bargeboards out a little more, you can add strips of grey card on to the spacer, or even substitute the card spacers with matchsticks.

Fig. 14. OUTBUILDING.

This is a small building with toilets/storage and an open section which can be for bicycle storage etc. (when I was at school this was also used for sports equipment storage).

Inner wall with toilet doors

Fold the top grey section to a rightangle so that it holds the side walls of the main building in place.

Fit the glazing before attaching to main wall.

The back wall is longer

The main walls of the building fold around with the inner section with the doors attached to the back of the front wall.

The top grey section of the inner acts as a brace to hold the building square.

Bike shed rear wall spacer.

Inner walls are slightly shorter

Bike shed rear wall.

Fix the spacer and rear wall on to the back wall, pushed up to the inner gable so that there is a slot at this end for the outer gable wall to sit in.

Bike shed inner ceiling sits on top of the slightly lower inner walls and holds the end gable at the correct angle.

Fold the end wall inner spacer in two and fold the outer gable wall around it.

Make sure it is inserted the right way up so that the top edges of the inner wall are the same height.

End wall fits in to the slot at the end of the rear wall.

Fit the roof and ridge tiles.

FOOTNOTE

I attended this little school in the Yorkshire Dales many years ago. It was there that teacher Miss Roberts first identified my ability to make virtually anything from paper or card, and christened me 'The Cardboard King' She was a great judge of character.

Nick Metcalfe.

I have dedicated this little kit to her memory:

Marjory Roberts. M.B.E
Head Teacher of Airton Primary School
1958 to its closure in 1974.

See the history of the school at www.kirkbymalham.info/

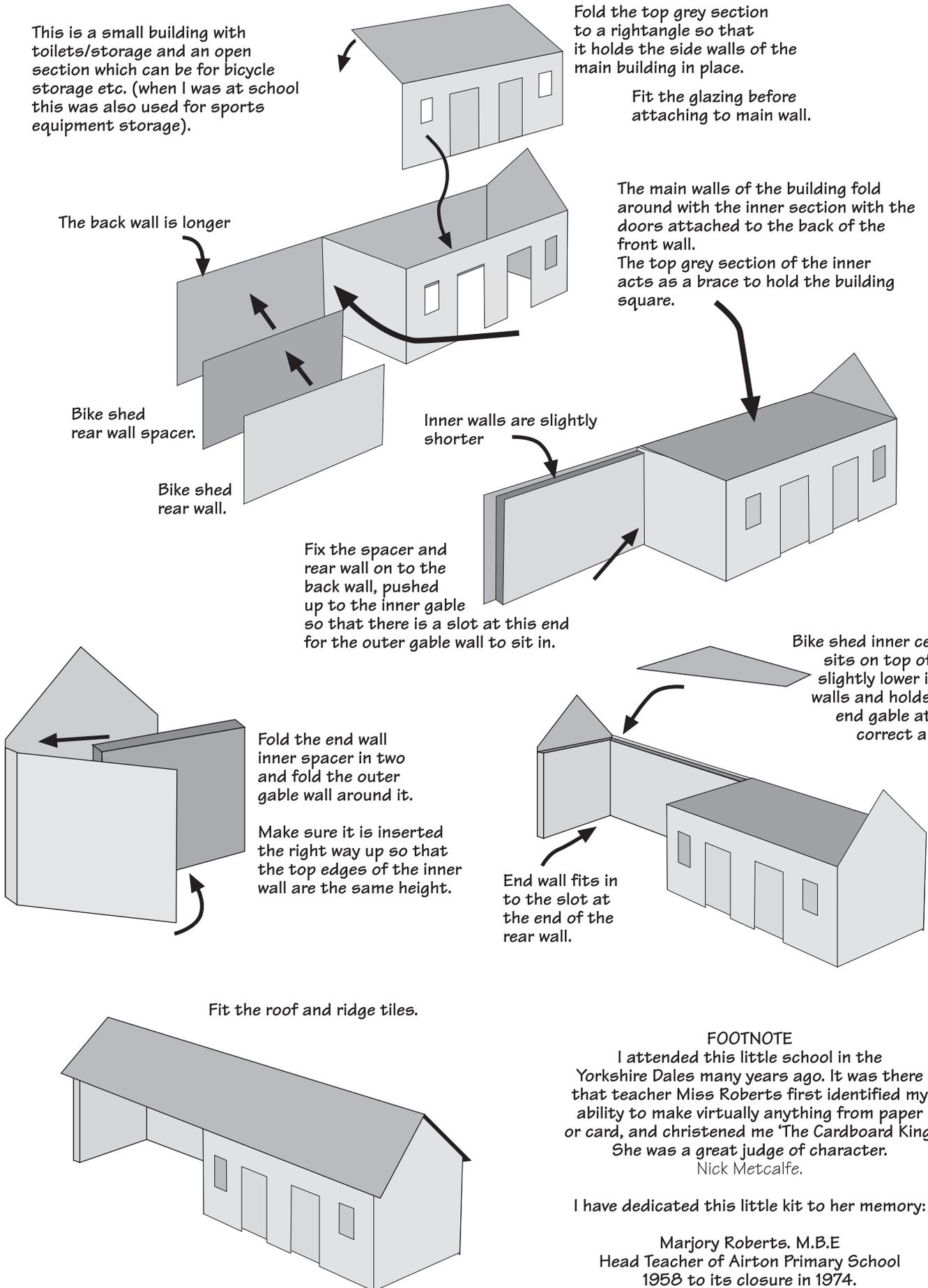
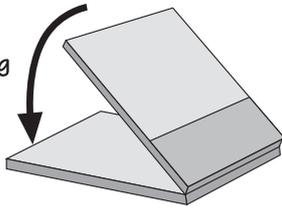
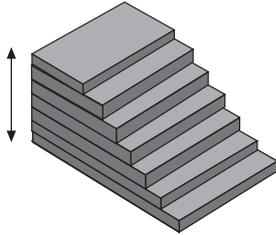


Fig. 12. STEPS.

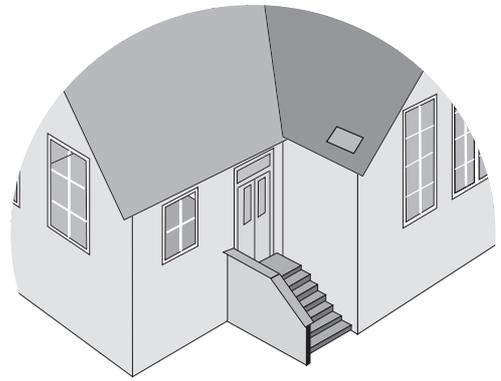
There are two set of steps, each consisting of seven steps. Each step folds in two to make it double thickness.



Fold on centre score and glue back to back.



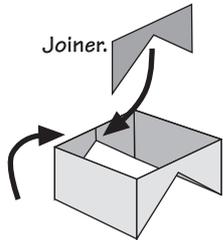
Starting with step 1 at the bottom and ending with step 7 at the top, glue them together to form a solid block lined up vertically at the back and sides.



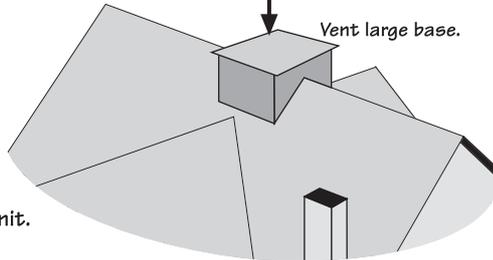
Fit the steps into the corner of the building, then fold the wall to make double sided and fit it against the steps. Finish off with the wall cap stones cut to length and stuck on.

Fig. 13. ROOF VENT.

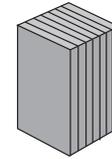
Fold the roof vent lower unit around and fix the grey vent joiner inside to hold the two halves together.



Hold tight till fast.

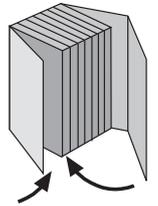


When fitting the lower unit to the roof, it can be a bit springy, so hold down tightly until it is fast.



THE VENT.

There are 7 small thick grey card pieces that glue together to form a solid block



The roof vent wraps around the inner block of grey cards.

The pointed vent top is located on a separate sheet of thin card.

Fit the ridge tile strips to give the building the finishing touches.

