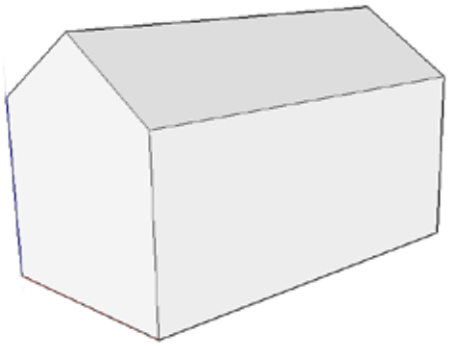
St. Edith's Church
Monks Kirby

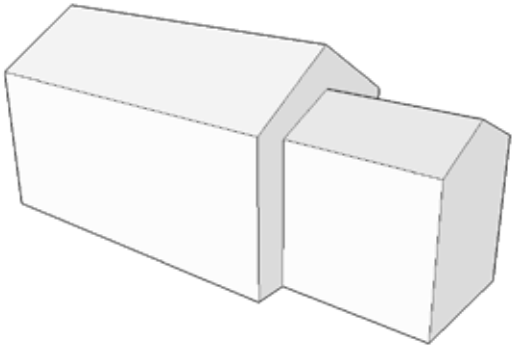
3D Church Model

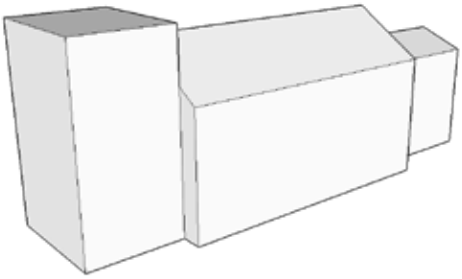
Church buildings are made up of a series of 3 dimensional shapes.
There are different ways you can make a 3D church.

Most churches started as simple buildings

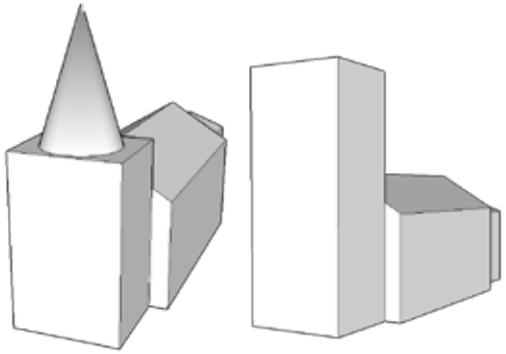


A Chancel was probably the next thing to be built. It houses the altar and choir and is the most sacred part of the church

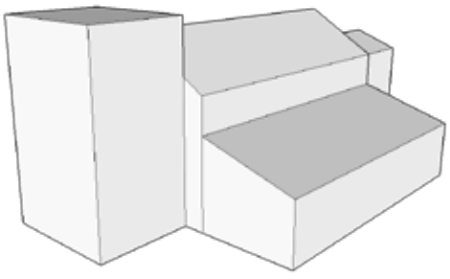


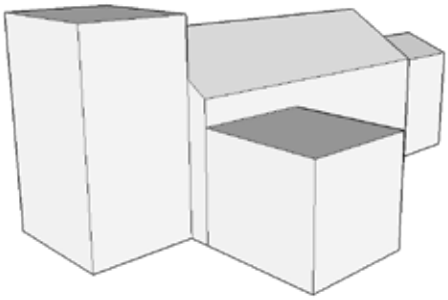


A tower would have been built to house the bells and to make the church look spectacular.
Some towers have spires added to the top or were made taller.

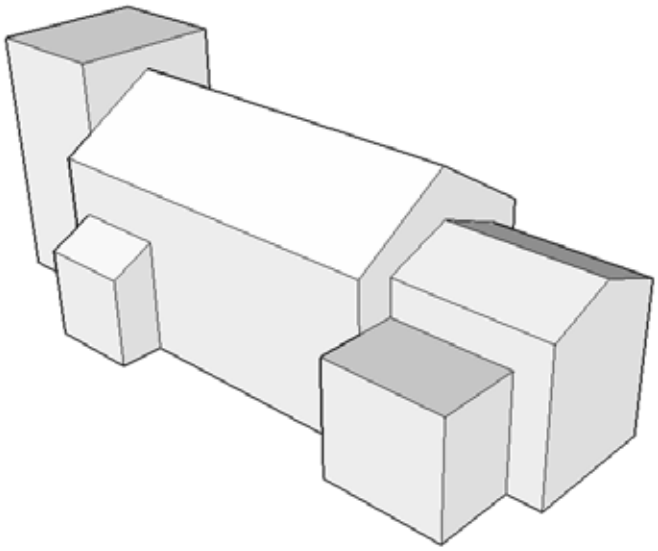


Aisles (left) may have been built on the north and/or south sides of the church to hold more people. Transepts (right) may have been built to give the church a cross shape.
Churches could have a combination of both of these features.

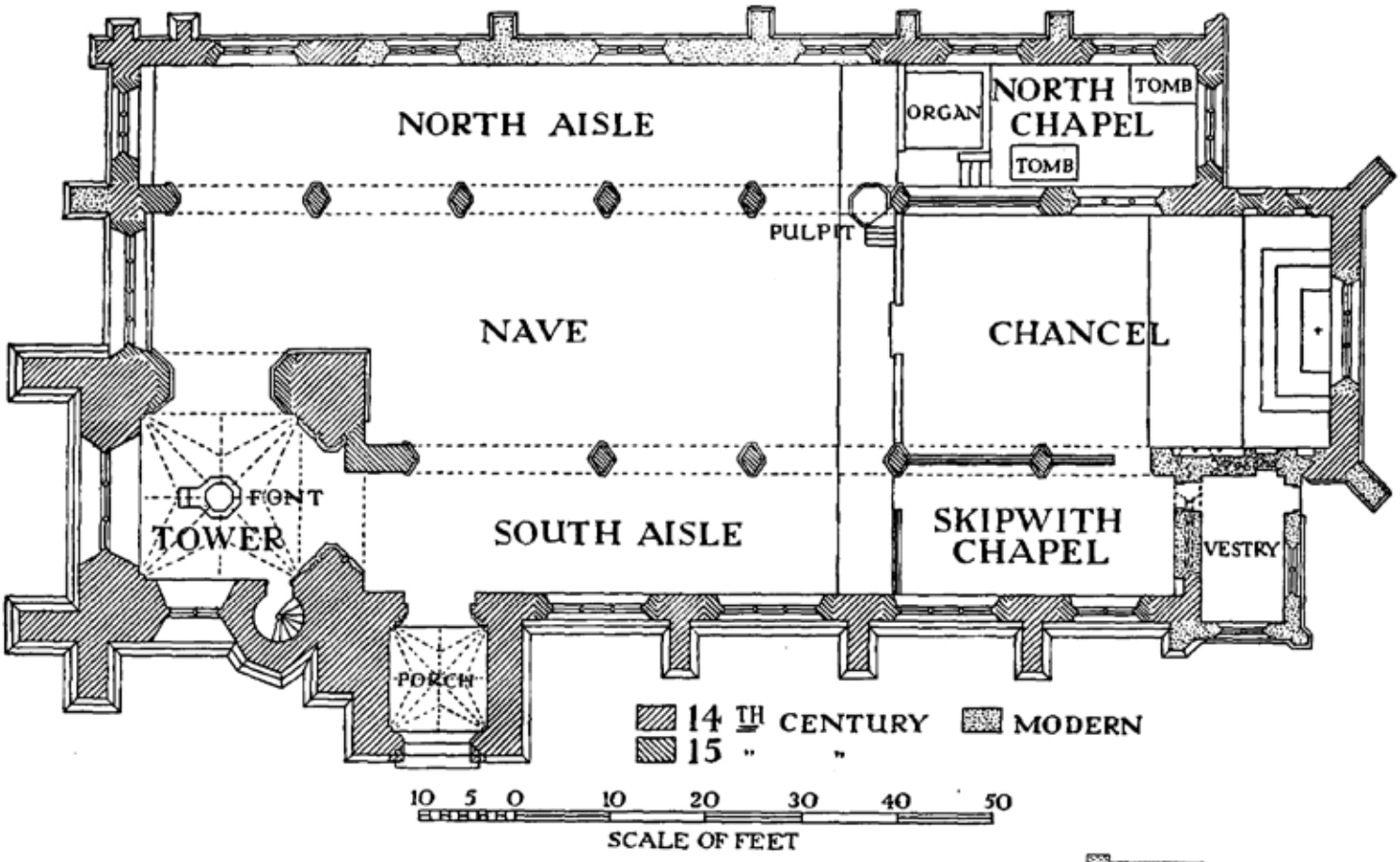


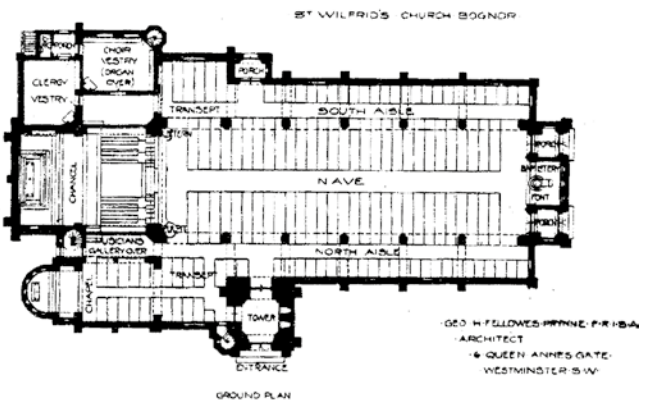


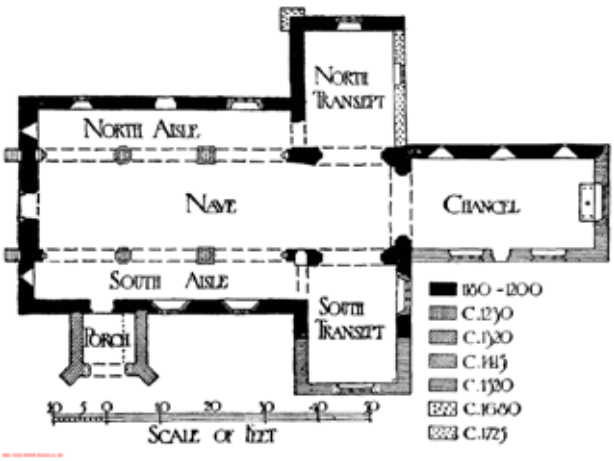
A porch may have been built over the main door to protect the church from bad weather.
Some rich people may have had a special chapel built to commemorate them.



Churches come in all shapes and sizes



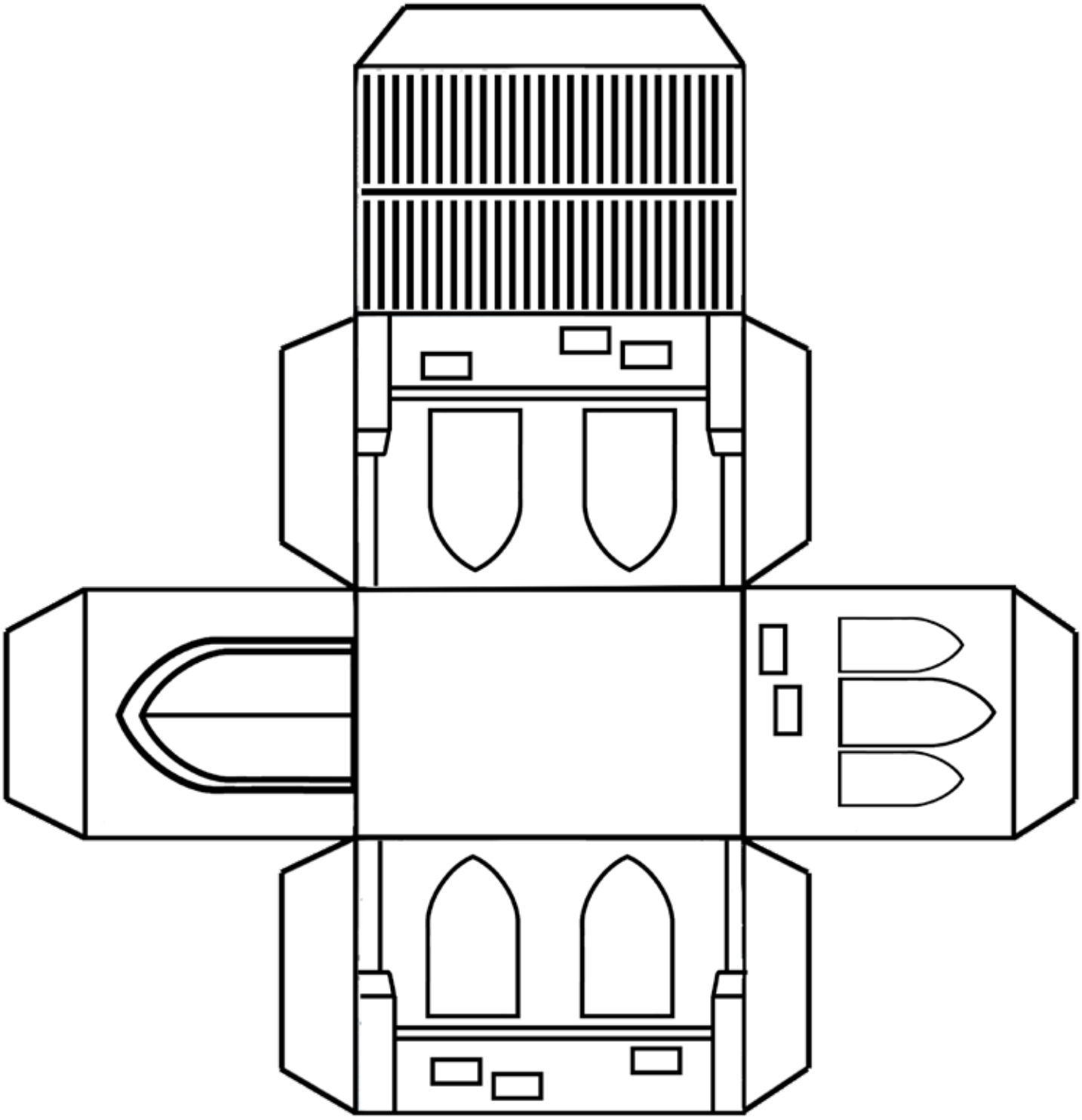




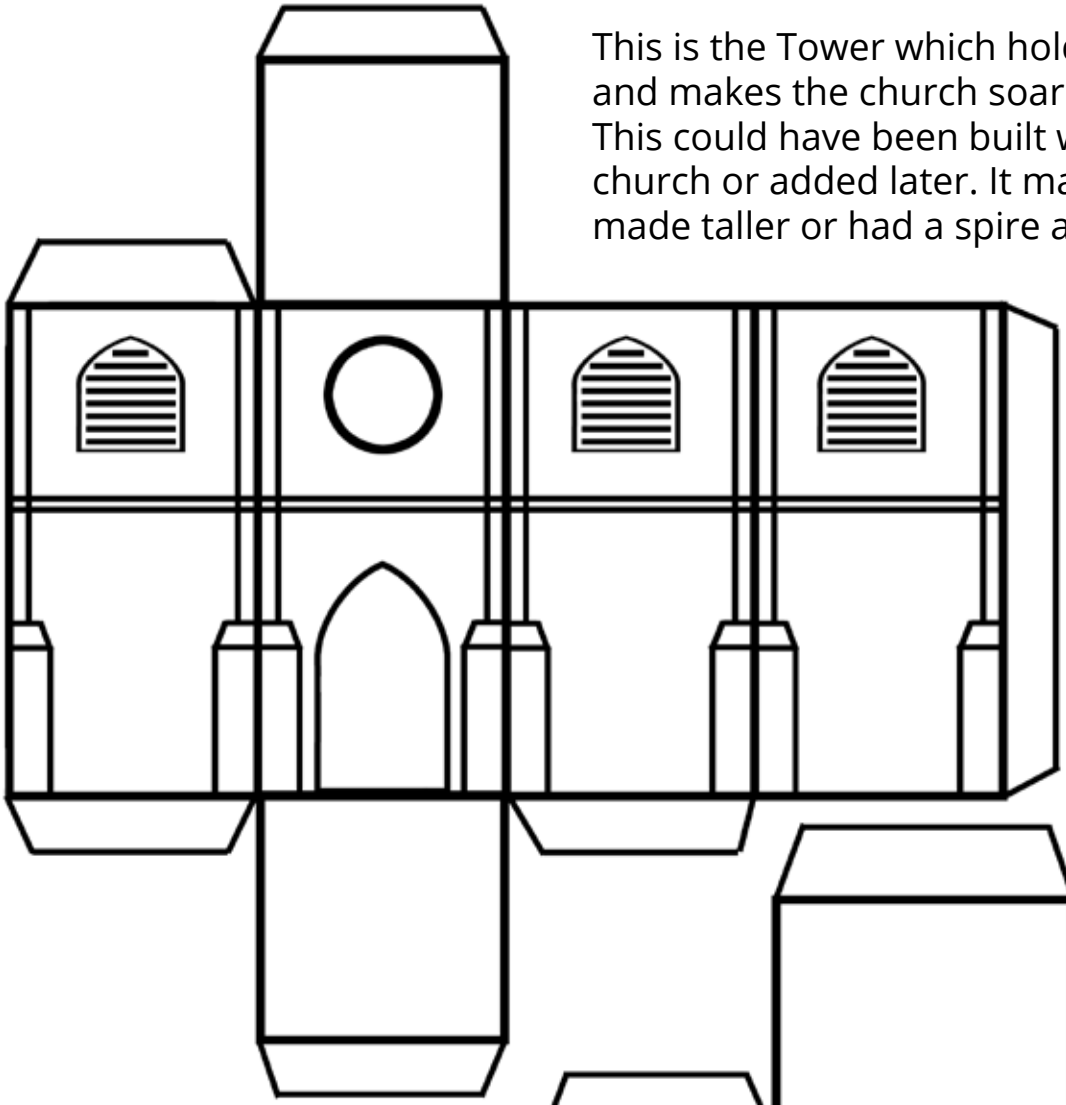
3D Church 1 - Shape Nets

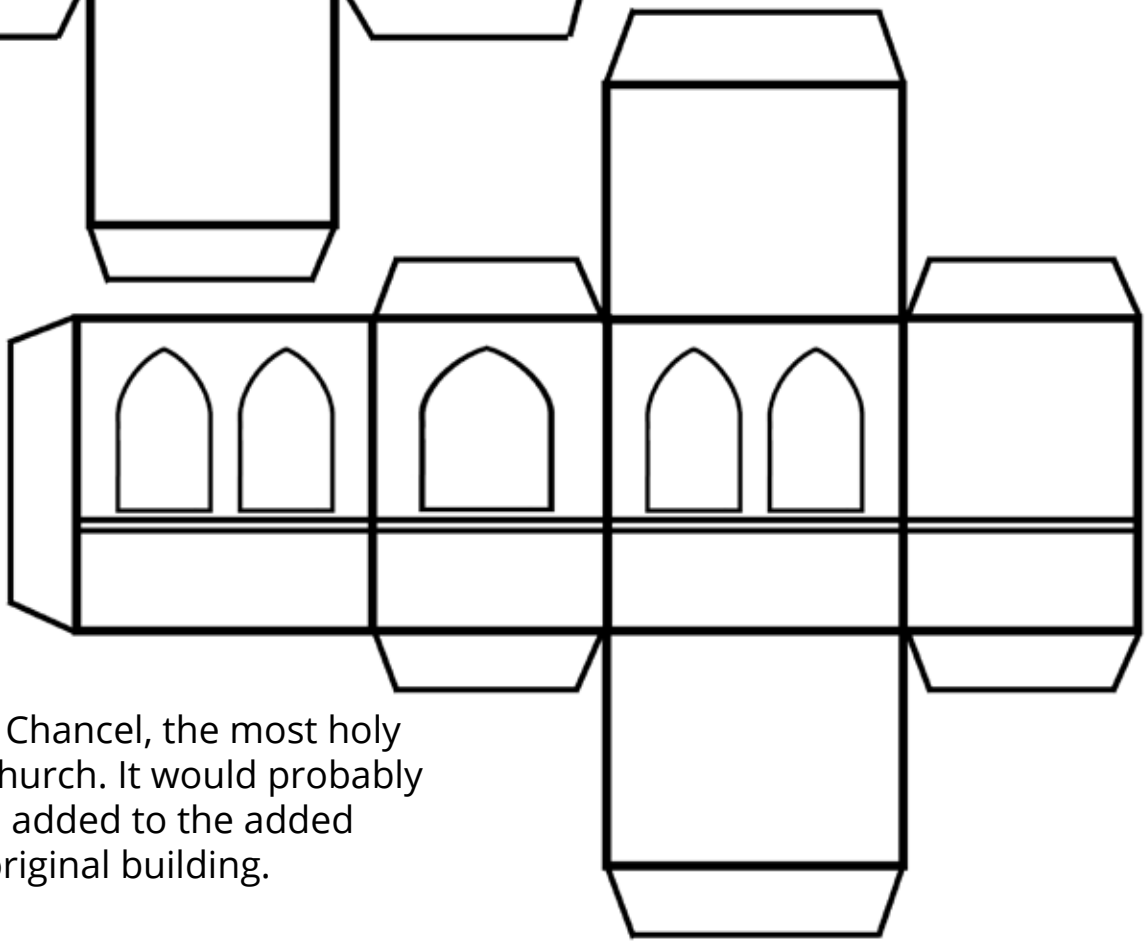
Here is a shape net for a very simple church.
There are also nets for the tower and chancel.
Try them out to get used to cutting out and constructing cuboid shape nets.

The net below is for the main body of the church. Originally it would have been the whole church but when a Chancel was built this part would have become the Nave.

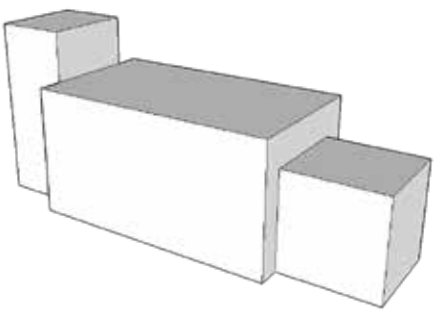


This is the Tower which holds the bells and makes the church soar up to God. This could have been built with the main church or added later. It may have been made taller or had a spire added.





This is the Chancel, the most holy part of a church. It would probably have been added to the added after the original building.



- Print out the shape nets, A3 will be a better size to work with.
- Cut out these shape nets and decorate them as you wish.
- Your finished model will look a little like the picture on the left.
- Try designing shape nets to add Transepts, Aisles, A Porch and Chapel.

Build a church with different materials

A church built of Lego

A church built of Meccano

This one is made of cake!

One made out of matchsticks

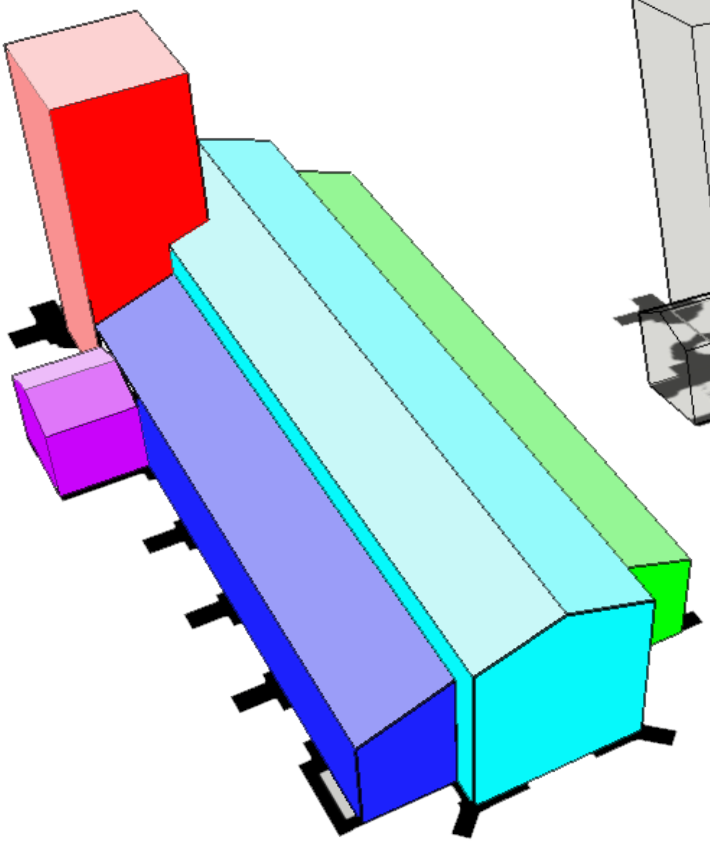
Another made of dismantled pallets

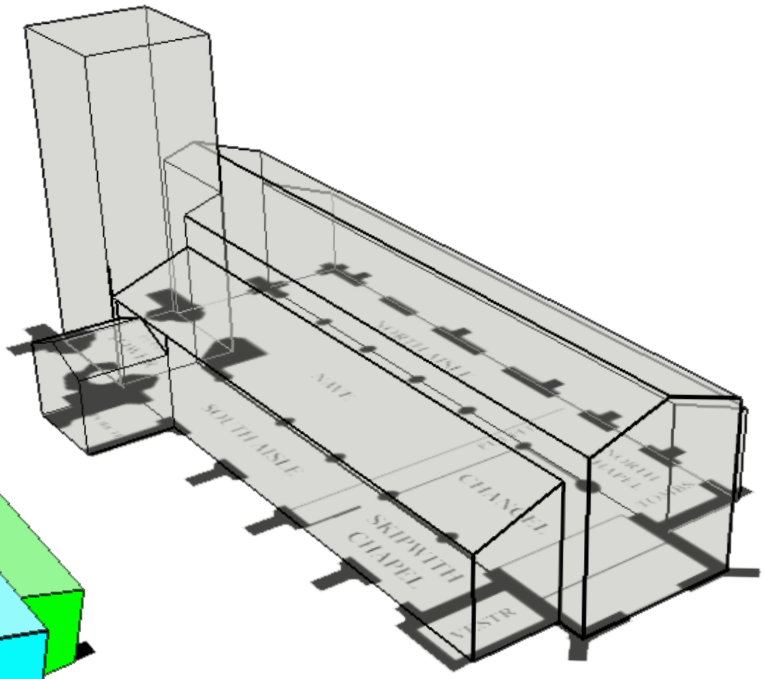
Ready to build kits are available to make

What materials can you use to make a church?

Scaled Model of St Edith's

- You can make a simply scaled model of St Edith's by constructing a series of simple shapes.
- You will need to take some measurements of the church.
- Use the to record your measurement.
- Several groups should measure the same thing to make sure you have it right.
- See the plans below for the basic shape of St Edith's Church.
- Once you have your measurements you need to scale the dimensions down to a manageable size.
- How are you going to do that?
- The sloping roofs can be added later, this will make the construction of the basic nets easier.
- How are you going to measure the height of these tall building?





Church Measurements

SHAPE	LENGTH	WIDTH	HEIGHT	SCALED M'MENTS