

Work Sheet



DESIGN & TECHNOLOGY Do we need a new roof?

Lesson Objective

To investigate and analyse a range of existing products.

Activity 1 - Arch exploration

Jot down on your clipboard below, two things that have worked well and one thing you will need to change to improve your arched roof model.



Activity 2 - Redesign it

Draw a diagram of your final arched roof construction, labelling the materials used:

Activity 3 - Investigate it

The results! Rate each quality out of 5.

	Arched roof	Flat roof
Strength		
Stability		
Presentation		
Ease of build		

Activity 3 - Analyse it

What would you keep the same and what would you change about the church roof? Remember to explain why.

