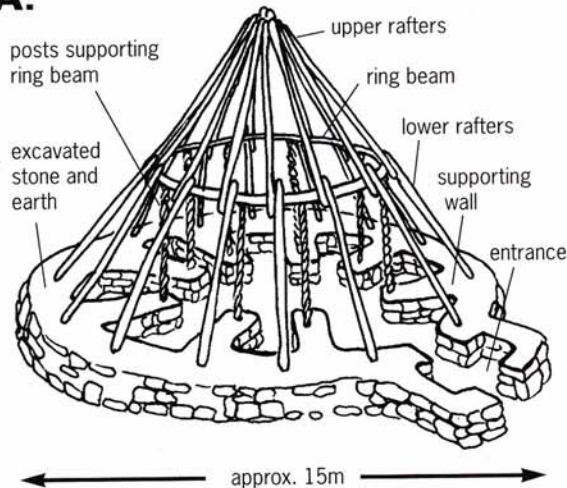


**A.**



People have used wood for thousands of years to build homes and make furniture and tools. Here is a Celtic wheelhouse from 2000 years ago. The Celts were a tribal people living in Europe. I wonder how they kept out the rain?

Take a careful look at the diagram with a friend. Discuss how the house has been built, its size and which materials have been used.



## TECHNOLOGY CHALLENGE

**B. TASK:**

Draw and label a design for an emergency forest shelter which could be built by two friends if they were lost in the forest. Using only natural materials the design should keep out wind and rain for 24 hours.

**DESIGN:**



**DESIGNER:**

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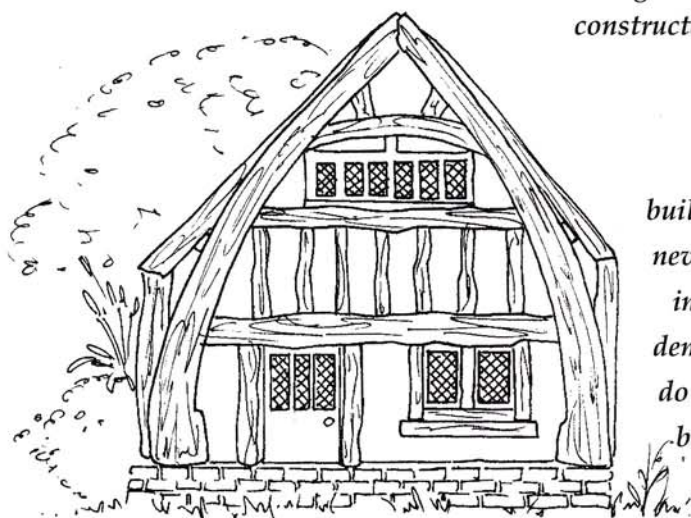


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*It is a romantic idea to think of living in a quaint country cottage like this one; years ago this simple style of housing was constructed for the poor and looked more like the picture at the bottom of the page.*



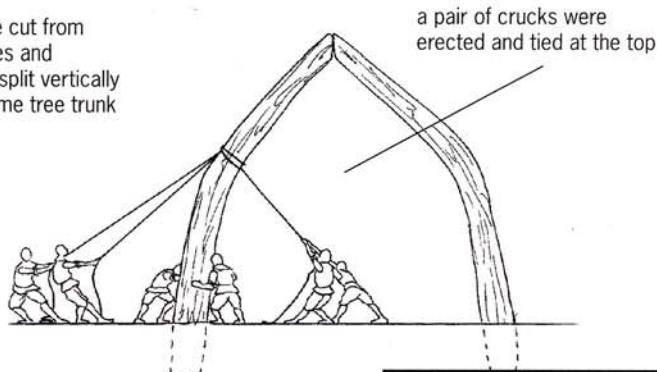
*Oak has always been considered the best wood for building houses but there have never been enough oak trees in this country to meet demand. How many trees do you think would have been used to build this cottage?*



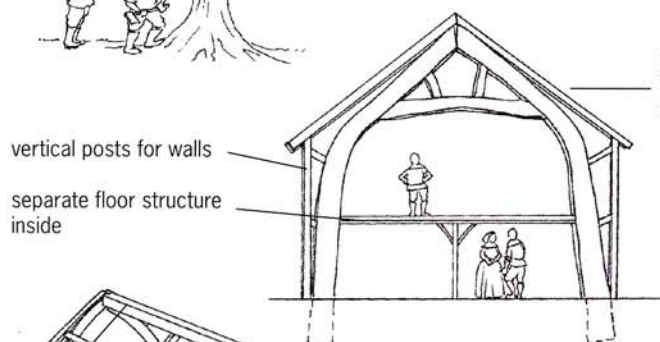
The pictures and notes below give information about each stage of building a cruck cottage. You can see that the pictures are not in the right order and you will need to sort them out. Use the drawings and notes to write your own page of instructions with the title 'How to Build a Cruck Cottage'.



crucks were cut from suitable trees and sometimes split vertically from the same tree trunk

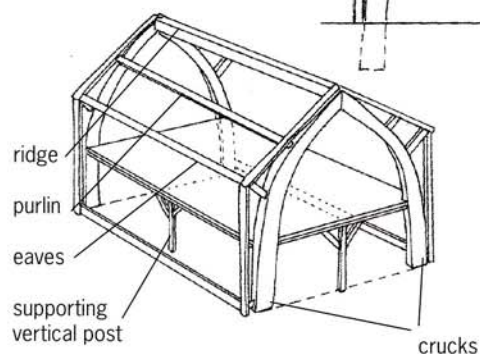


a pair of crucks were erected and tied at the top

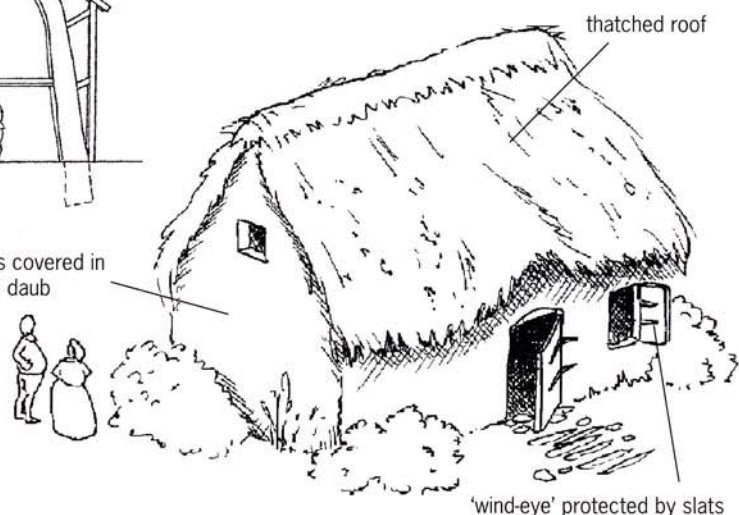


crucks formed the structural framework from which the other timbers were hung

**A simple one- or two-roomed cruck house was home to the poor**



walls covered in mud daub



'wind-eye' protected by slats