

A simple machine competition

You will have seen a great number of simple and compound machines at the Weald and Downland Open Air museum. In the past these were vital to survive, but today we have electricity and other energy sources which have made our life easier.



Your Task:

Using the machines you have seen at the Museum for inspiration design a new machine.

Draw a clear, labelled diagram of your machine and explain the purpose of it.

Things to think about:

Your machine can be fun like a 'Wallace and Gromit' design or even a 'Heath Robinson' one (look him up to see some of his designs).

You might like to design one which would be really useful for people in developing countries, who still lack the basic machines and sources of energy. You could use new lighter materials like plastic for gearing, or other synthetics.

Just remember **no electricity or engines** as these are not always available and are very costly!

You might like to have a class competition.

