

The good of wood



Background knowledge

We use a material to do a particular job because of its properties. For example, steel is used to make bridges because it is very strong. Aluminium is used to make foil wrap because it can be hammered into thin sheets. Wood has special properties that suit it to a wide range of jobs. These properties include flexibility, strength, and beauty.

Science activity

Some properties of woods are listed on the left, and some wooden objects are listed on the right. Draw a line to show which wood should be used to make each object.

Oak is very strong.
It does not make much noise when it is hit.



Wooden
chair board

Paper has no smell. It is very light and looks clean.



Garden shed

Pine is very strong and is a heavy wood.



Living room floor

Rail is very strong and is a heavy wood.



Wooden support
in a mine

Science investigation

Paper is made from wood and can be used in many ways. Cardboard is used to make boxes. Paper towels wipe up messes. Collect different types of paper. Design and conduct an experiment to determine their properties. What do you think is the best use of each type? Test your paper's properties.