

# Uses of everyday materials

## Key Vocabulary

<b>John McAdam</b>	He was a Scottish engineer who experimented with using new materials to build roads, inventing a new process called 'macadamisation'.
<b>John Dunlop</b>	He was a Scottish inventor who invented the air-filled rubber tyre. It was originally invented in 1887 to use with bicycles, and then became very useful when automobiles were developed.
<b>Charles Macintosh</b>	He was a Scottish inventor and chemist who invented waterproof fabrics in 1818. The Mackintosh raincoat was introduced in 1824.
<b>Macadamisation</b>	This was the name given to John McAdam's construction process of building roads. The name tarmac means a road made like this using tar.

People who developed new **materials**:

**John McAdam's** process was so successful that roads were built in this way right across the world.



**John Dunlop** originally used rubber to make tyres for his son's tricycle.



**Charles Macintosh** invented the first waterproof fabric by painting a dissolved rubber solution onto cloth.

