



Metals and glass

Metals come from rocks.
Glass is made from sand.

A rock containing a metal in useful amounts is called an ore. The ore is heated up in a factory until the metal flows out. The metal can then be made into useful things.



A copper coin.



Copper goes green if it is left out in the air. The famous Statue of Liberty in New York is made from 100 tonnes of copper.

This is copper ore. The copper is orange in colour.





The famous tower at Blackpool is made from over 25,000 tonnes of steel. The tram is also made of steel. The lampposts behind it are also made of steel.



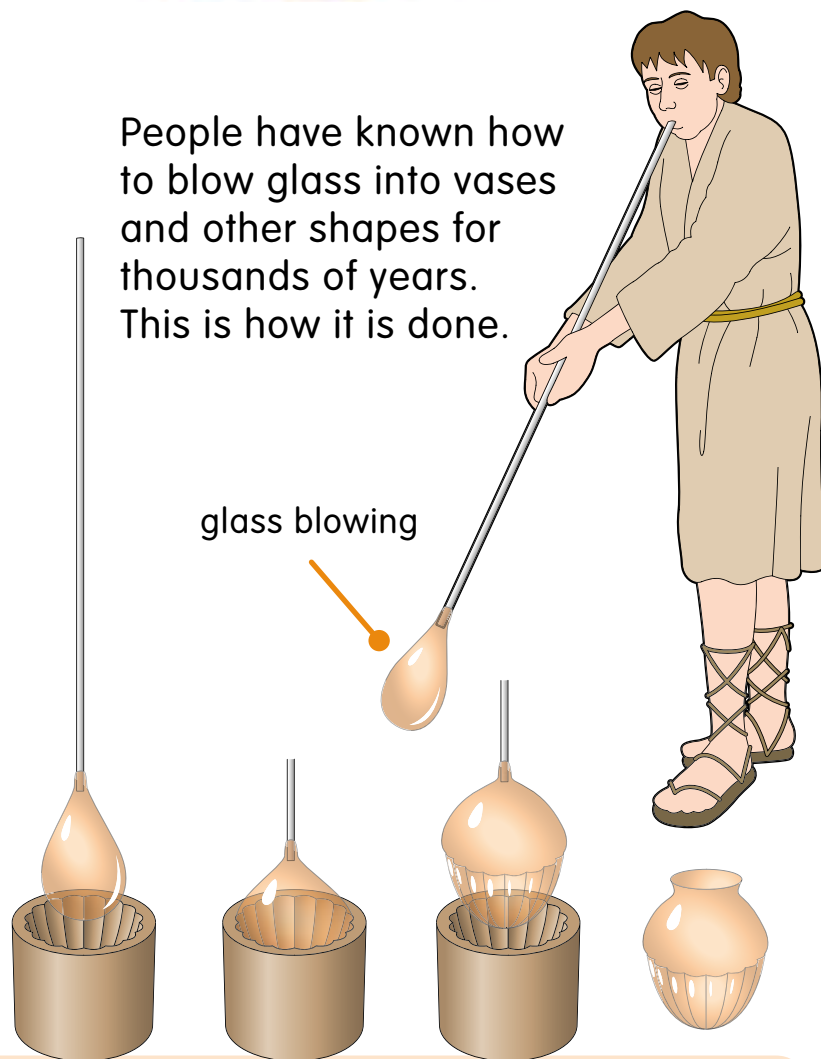
This red material is iron ore. Iron ore is used to make steel.

Sand is mixed with other materials and heated. When they melt, they make glass. Molten glass can be shaped into useful things at a glassworks.

People have known how to blow glass into vases and other shapes for thousands of years. This is how it is done.



Glass teapot



glass blowing

Can you see any metals and glass around you? What are they used for?