










# UKS2 Design Technology Knowledge and Skills Organiser

## Furnaces of Fire

Key Knowledge and Skills	Key Vocabulary	
<p>Steel is society's most important industrially produced material. Just think of what would be missing in our everyday life if steel didn't exist! Without steel our existence would be prehistoric. Our society is wholly dependent on steel and on how we use it. Steel is to be found everywhere. Often it is not visible since it is hidden by other materials e.g. paint, plastic, concrete or other metals.</p> <p>In this topic we will investigate everyday products that are made from steel, looking closely at different everyday items made from steel. We will look at them and try to answer- Why is it made from steel? Could it be made from anything else? What advantages are there to it being made from steel? What disadvantages?</p> <p>Things that are made from steel:</p> <div data-bbox="86 704 800 1008">        </div>	Word	Definition
	product	an article or substance that is manufactured or refined for sale
	steel	a hard, strong grey or bluish-grey alloy of iron with carbon and usually other elements, used as a structural and fabricating material
	hard	solid, firm, and rigid; not easily broken, bent, or pierced
	malleable	of a metal or other material) able to be hammered or pressed into shape without breaking or cracking
	hygienic	conducive to maintaining health and preventing disease, especially by being clean; sanitary.
	versatile	able to adapt or be adapted to many different functions or activities.
	investigare	carry out research or study
Focus Industry		
<div data-bbox="86 1110 369 1268"> </div> <p>Scunthorpe Steel Works- The Iron and Steel Industry in Scunthorpe was established in the mid 19th century, following the discovery and exploitation of middle Lias ironstone east of Scunthorpe, Lincolnshire, England.</p>		