



Attainment Band:	Knowledge and Understanding	Skills
Yellow Plus	<p>Has good knowledge of a wide range of ferrous and non-ferrous metals and their properties.</p> <p>Understands how alloys can be changed to give metal different properties.</p> <p>Has completed a neat, well drawn and labelled drawing of the sandcasting process.</p> <p>Has designed a good and unusual working mould.</p>	<p>Can use 2ddesign well to create 4 very good designs.</p> <p>Can create a very good casting using the mould and casting furnace.</p> <p>Has finished a first-class piece of jewellery</p> <p>Has finished the evaluation with self-criticism</p>
Yellow	<p>Can list 4 different non-ferrous metals and their properties.</p> <p>Can list 3 different ferrous metals and their properties</p> <p>Has made a detailed drawing of the sand-casting process</p> <p>Has understood how to make a positive/negative mould.</p>	<p>Can use 2ddesign with skills to create 4 good designs</p> <p>Can create a good casting from the mould and furnace.</p> <p>Has finished a good piece of jewellery</p> <p>Has evaluated work to a good standard.</p>
Blue	<p>Understands the difference between ferrous and non-ferrous metals</p> <p>Understands what an alloy is</p> <p>Can describe the sand-casting process</p> <p>Understands how a card mould works</p>	<p>Can use 2ddesign with skill to create 4 different designs.</p> <p>Can create a casting using a mould and the casting furnace</p> <p>Has created a pewter jewellery trinket.</p> <p>Can evaluate work using 3 www's and 3 EBI's.</p>
Green	<p>Understands some aspects of ferrous and non-ferrous metals</p> <p>Has some understanding of alloys</p> <p>Can understand some aspects of sandcasting</p> <p>With help can understand how a card mould works.</p>	<p>Can use 2ddesign to create designs</p> <p>Can create a mould and cast metal with some help</p> <p>Can create a pewter jewellery trinket with some help</p> <p>Can evaluate work using www's and EBI's.</p>
White	<p>Can understand that there are different metals</p> <p>Can understand that some metals can be poured into a mould.</p> <p>Can understand how to pour metal into a card mould.</p>	<p>Can be helped to create a design</p> <p>Can be helped to create a mould and cast metal</p> <p>Needs help to create a pewter trinket</p> <p>Can evaluate work with help.</p>