








# 'Mighty Metals' Home Learning Grid

	Knowledge	Understanding	Applying our knowledge and understanding																																																																																																																																																																																																																																																																																																																																				
Creative learning	<p>We have been learning about magnets in our science lessons. Can you design and make your own magnetic decoration to go on the fridge or a notice board?</p> 	<p>Make a model of an Iron Man. Take a photo of it and put it in your Home Learning book.</p> 	<p>Write some instructions for making 'soup' for the Iron Man. What strange ingredients would you include- nuts and bolts???</p> 																																																																																																																																																																																																																																																																																																																																				
Verbal learning	<p>Many artists use different materials, including metal to make their creations. Can you make a collage using different metal objects? e.g. paper clips, foil etc.</p> 	<p>There are lots of films that include a robot character. Watch one with your family and write a film review. How many stars will you give it?</p> 	<p>How many different metals do you know? Make a word search using as many names of metals as you can.</p> <div><p>Metals, Common</p><table><tr><td>N</td><td>D</td><td>A</td><td>O</td><td>E</td><td>L</td><td>D</td><td>L</td><td>O</td><td>G</td><td>B</td><td>H</td><td>N</td><td>E</td><td></td><td>P</td><td>L</td><td>A</td><td>T</td><td>I</td><td>N</td><td>I</td><td>U</td><td>M</td></tr><tr><td>I</td><td>T</td><td>D</td><td>C</td><td>H</td><td>E</td><td>A</td><td>I</td><td>N</td><td>R</td><td>U</td><td>T</td><td>S</td><td>L</td><td></td><td>C</td><td>O</td><td>P</td><td>P</td><td>E</td><td>R</td><td></td><td></td><td></td></tr><tr><td>C</td><td>L</td><td>U</td><td>E</td><td>I</td><td>C</td><td>G</td><td>G</td><td>O</td><td>L</td><td>I</td><td></td><td></td><td></td><td></td><td>T</td><td>I</td><td>N</td><td>G</td><td></td><td></td><td></td><td></td></tr><tr><td>K</td><td>M</td><td>U</td><td>I</td><td>M</td><td>I</td><td>D</td><td>I</td><td>R</td><td>I</td><td>A</td><td>L</td><td>T</td><td></td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>E</td><td>U</td><td>R</td><td>T</td><td>U</td><td>N</td><td>G</td><td>S</td><td>T</td><td>E</td><td>N</td><td>B</td><td>V</td><td>H</td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>L</td><td>I</td><td>S</td><td>L</td><td>T</td><td>T</td><td>U</td><td>R</td><td>U</td><td>O</td><td>E</td><td>I</td><td></td><td></td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>C</td><td>H</td><td>A</td><td>T</td><td>E</td><td>T</td><td>I</td><td>U</td><td>R</td><td>D</td><td>R</td><td>C</td><td>R</td><td>U</td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>I</td><td>D</td><td>S</td><td>C</td><td>A</td><td>M</td><td>A</td><td>G</td><td>N</td><td>E</td><td>S</td><td>I</td><td>U</td><td>M</td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>N</td><td>A</td><td>M</td><td>P</td><td>D</td><td>M</td><td>U</td><td>N</td><td>A</td><td>T</td><td>I</td><td>T</td><td>I</td><td></td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>P</td><td>C</td><td>H</td><td>E</td><td>A</td><td>I</td><td>N</td><td>R</td><td>U</td><td>T</td><td>S</td><td>L</td><td></td><td></td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>H</td><td>Z</td><td>E</td><td>M</td><td>A</td><td>N</td><td>G</td><td>A</td><td>N</td><td>E</td><td>S</td><td>E</td><td>I</td><td>G</td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>M</td><td>G</td><td>I</td><td>T</td><td>I</td><td>N</td><td>R</td><td>U</td><td>N</td><td>O</td><td>R</td><td>I</td><td>T</td><td>C</td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>R</td><td>I</td><td>A</td><td>N</td><td>N</td><td>A</td><td>M</td><td>E</td><td>R</td><td>C</td><td>U</td><td>R</td><td>Y</td><td>N</td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr><tr><td>U</td><td>O</td><td>T</td><td>C</td><td>C</td><td>R</td><td>E</td><td>P</td><td>P</td><td>O</td><td>C</td><td>E</td><td>E</td><td>R</td><td></td><td>T</td><td>I</td><td>T</td><td>A</td><td>L</td><td></td><td></td><td></td></tr></table><p><small>File 1000 people metal at - http://www.metal.com/1000/</small></p></div>	N	D	A	O	E	L	D	L	O	G	B	H	N	E		P	L	A	T	I	N	I	U	M	I	T	D	C	H	E	A	I	N	R	U	T	S	L		C	O	P	P	E	R				C	L	U	E	I	C	G	G	O	L	I					T	I	N	G					K	M	U	I	M	I	D	I	R	I	A	L	T			T	I	T	A	L				E	U	R	T	U	N	G	S	T	E	N	B	V	H		T	I	T	A	L				L	I	S	L	T	T	U	R	U	O	E	I				T	I	T	A	L				C	H	A	T	E	T	I	U	R	D	R	C	R	U		T	I	T	A	L				I	D	S	C	A	M	A	G	N	E	S	I	U	M		T	I	T	A	L				N	A	M	P	D	M	U	N	A	T	I	T	I			T	I	T	A	L				P	C	H	E	A	I	N	R	U	T	S	L				T	I	T	A	L				H	Z	E	M	A	N	G	A	N	E	S	E	I	G		T	I	T	A	L				M	G	I	T	I	N	R	U	N	O	R	I	T	C		T	I	T	A	L				R	I	A	N	N	A	M	E	R	C	U	R	Y	N		T	I	T	A	L				U	O	T	C	C	R	E	P	P	O	C	E	E	R		T	I	T	A	L			
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Finding out	<p>Research some information about robots that are used in factories. Present your findings in an interesting way. For example a poster, PowerPoint, or leaflet.</p> 	<p>Create a fact file about a metal or metals of your choice. Try to include as much information as possible about that metal and what it is used for.</p> 	<p>Can you write your own story including the Iron Man as one of your characters?</p> 