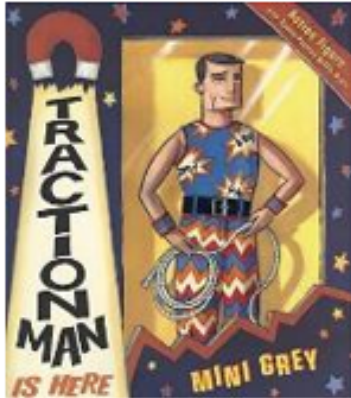


# Year 2: Materials Knowledge Mat



Subject Specific Vocabulary		Interesting Book	Sticky Knowledge about materials
<b>metal</b>	When heated, metals can be shaped into anything from a tiny paperclip to a huge aircraft.		<input type="checkbox"/> Wood is used to make buildings and furniture and for making fires and heating.
<b>plastic</b>	Plastics are made from natural materials such as wood, coal and oil.		<input type="checkbox"/> Most of the paper or cardboard we use came from trees.
<b>Charles Macintosh</b>	We know Charles Mackintosh for inventing mackintoshes which was a special type of coat. We use the word 'mac' today because of his invention.		<input type="checkbox"/> Glass is a hard transparent material that can be made in many shapes.
<b>John Dunlop</b>	John Dunlop was a person who improved the tyres on cars. You may see tyres on cars with the name DUNLOP on them.		<input type="checkbox"/> Glass is usually transparent, which means you can see through it, but can also come in different colours.
<b>wood</b>	Wood is a material that comes from trees and is used to make furniture, floors and many other things	<p><b>Important facts to know by the end of the Year 2 materials topic:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Know why some materials are more suitable than others for specific uses</b></li> <li><input type="checkbox"/> <b>Know why glass, wood, plastic, brick or paper would be used for certain jobs</b></li> <li><input type="checkbox"/> <b>Know that some materials can be squashed, twisted or bent according to need</b></li> <li><input type="checkbox"/> <b>Know why certain materials are suitable for many different uses</b></li> <li><input type="checkbox"/> <b>Know about the lives of important people who have developed useful new materials</b></li> </ul>	<input type="checkbox"/> Glass is often used to make windows and bottles.
<b>squashing</b>	Squashing is pushing things closely together.		<input type="checkbox"/> Many churches have special coloured glass often used to make religious pictures.
<b>bending</b>	Bending is changing the shape and direction of something.		<input type="checkbox"/> Plastics are used to make many of the things we use in everyday life. They are used for toys, bicycle helmets, mobile phones, window frames and many other common items.
<b>twisting</b>	To twist something you move one part clockwise and the other part anticlockwise.		<input type="checkbox"/> Petrol is used to make plastic and it invented just over a 100 years ago.
<b>stretching</b>	Stretching is to change shape by pulling it to make it longer or wider.		
<b>John McAdam</b>	John McAdam is most famous for inventing the tar used to make roads. It was known as Tar McAdam.		