

<b>Subject</b>	<b>Design Technology</b>
<b>Unit/Topic</b>	Year 8 – Designer Lantern (Material Properties)

Key Vocabulary	Definition
<b>Absorbent</b>	Material soaks up liquid easily.
<b>Conductive (thermal)</b>	A material or device that allows heat to pass through it.
<b>Elasticity</b>	Ability to return to its original shape, size, and condition after it has been stretched.
<b>Function</b>	The intended purpose of something, to do a specific role
<b>Insulator (thermal)</b>	A material or device that prevents heat from passing through it.
<b>Lightweight</b>	Weighs less than most other things of the same type.
<b>Malleable</b>	Able to be worked, hammered or shaped under pressure or blows without breaking.
<b>Opaque</b>	An object or substance that you cannot see through.
<b>Properties</b>	The way something (a material, substance or object) behaves under particular conditions.
<b>Recyclable</b>	Waste or materials can be processed and used again.
<b>Toughness</b>	The ability to withstand force without breaking
<b>Transparent</b>	An object or substance that you can see through.
<b>Waterproof</b>	Does not let water (liquids) pass through it.