
















## Class 5 Term 2 Science SEND Knowledge Organiser

<p><b>hard</b></p> <p>not easily broken or pierced</p>  <p>A hard diamond.</p>	<p><b>squashy</b></p> <p>easily crushed or squeezed</p>  <p>The play dough is squashy.</p>	<p><b>smooth</b></p> <p>an even and regular surface</p>  <p>Some smooth pebbles.</p>
<p><b>absorbent</b></p> <p>able to soak up liquid</p>  <p>The sponge is absorbent.</p>	<p><b>bumpy</b></p> <p>uneven, raised patches</p>  <p>This shell is bumpy.</p>	<p><b>opaque</b></p> <p>cannot be seen through</p>  <p>She is hidden by the opaque screen.</p>
<p><b>rigid</b></p> <p>unable to be bent or forced out of shape</p>  <p>Stone is rigid.</p>	<p><b>transparent</b></p> <p>can be seen through</p>  <p>This glass is transparent.</p>	<p><b>soft</b></p> <p>not firm to the touch</p>  <p>The kitten has soft fur.</p>
<p><b>flexible</b></p> <p>able to bend</p>  <p>A flexible spring.</p>	<p><b>rough</b></p> <p>uneven, irregular surface</p>  <p>The log has rough bark.</p>	<p><b>waterproof</b></p> <p>repels water and liquids</p>  <p>A waterproof coat.</p>
<p><b>electrical insulator</b></p> <p>does not let electricity pass through it</p>  <p>Rubber is an electrical insulator.</p>	<p><b>electrical conductor</b></p> <p>lets electricity pass through it</p>  <p>Metal is an electrical conductor.</p>	<p><b>translucent</b></p> <p>allowing some light to pass through</p>  <p>The screen is translucent.</p>

## Properties of Materials

**Spencer Silver**



**Ruth Benerito**



Spencer Silver invented a semi-permanent glue used on post-it notes.

Ruth Benerito invented a wrinkle-free cotton so you don't have to iron your clothes all the time.