


# Year 1: Materials

Subject Specific Vocabulary		Classification	Important Knowledge
<b>transparent</b>	Allows light to pass through		<ul style="list-style-type: none"> <li><input type="checkbox"/> I know why different materials have been used to make different objects.</li> <li><input type="checkbox"/> I know the difference between humanly constructed and manmade.</li> <li><input type="checkbox"/> I know what properties materials have and how they are constructed.</li> <li><input type="checkbox"/> I know the meaning of transparent and opaque and know why it is useful that some materials are transparent.</li> <li><input type="checkbox"/> I know what elastic is and can explain what happens as elastic is stretched.</li> <li><input type="checkbox"/> I know how to describe the season we are currently in and I can say how I know.</li> <li><input type="checkbox"/> I know how to explain the change in temperature from last half term until now.</li> <li><input type="checkbox"/> I know how to measure the temperature and can explain how it has changed.</li> </ul> <p><b>Working Scientifically</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> I can make a detailed prediction.</li> <li><input type="checkbox"/> I can design and conduct a fair experiment.</li> <li><input type="checkbox"/> I can observe features of my local environment and name what I have seen.</li> <li><input type="checkbox"/> I can record my findings in a table.</li> <li><input type="checkbox"/> I can explore the world around me and use everyday experiences to talk about observations and help answer questions.</li> <li><input type="checkbox"/> I know how to test an object.</li> </ul>
<b>opaque</b>	You can not see through it		
<b>absorbent</b>	Able to soak up a liquid		
<b>elastic</b>	An object that can return to its shape after being pulled		
<b>naturally constructed</b>	Made of only natural materials		
<b>humanly constructed</b>	Made by man		
<b>prediction</b>	A forecast		
<b>investigate</b>	Observe what happens		
<b>experiment</b>	A scientific test		
<b>material</b>	Anything that has a name.		

**Science Investigation**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

My question: \_\_\_\_\_

My prediction: I predict that \_\_\_\_\_

How will you do this?

1) \_\_\_\_\_ 2) \_\_\_\_\_ 3) \_\_\_\_\_

FAIR TEST

I will keep the same: \_\_\_\_\_ I will change: \_\_\_\_\_