### Year group: 5  
**Subject focus: Materials**

Here is a sequence of lesson activities to complete across the week.

<table>
<thead>
<tr>
<th>Day 1 – Looking at a stimulus and asking questions</th>
<th>Day 2 – Research/Learn</th>
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</table>
| Can you sort these materials out under the following categories;  
- Transparent  
- Waterproof  
- Hard  
- Soft  
- Absorbent  
- Magnetic  
- Bendy | Time to learn some facts about materials and their properties.  
Don’t forget to scroll all the way down for the subject specific vocabulary. Have fun researching; you might even want to make some notes.  
https://www.theschoolrun.com/homework-help/materials |

<table>
<thead>
<tr>
<th>Day 3 – Skills Practice</th>
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| Have a go at some of the interactive activities.  
http://www.primaryhomeworkhelp.co.uk/revision/Science/changingmaterials.htm | Create this table about materials and their properties. You might need to find the materials, have a look at them and may be even test them (ask an adult to help you with these). Some have already been filled in for you. |

<table>
<thead>
<tr>
<th>Day 5 – Independent Interpretation</th>
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| Explain why the following materials are selected to make the following items.  
The words below may help you (provide more than one reason).  
Rigid flexible impermeable durable smooth warm insulator grip soft hard transparent opaque light tough  

| Glass for windows | Rubber for soles | Wool for jumper | Plastic for a socket | Leather for boxing gloves | Cotton for a towel | Rubber for a hot water bottle | Wood for a chair |