

Name:

Materials Testing Workshop

Material	Look and feel	Does it conduct electricity?	Is it magnetic?	Density
	Describe the material	Yes/No	Yes/No	Mass in grams
1. Brass				
2. Copper				
3. Aluminium				
4. Iron				
5. Zinc				
6. Tin				
7. Lead				
8. Polythene				
9. Hard wood				
10. Soft wood				
11. Cork				
12. Acrylic				

Name:

Materials Testing Workshop

<u>Test 1: Electricity</u>	<u>Test 2: Magnetism</u>	<u>Test 3: Density</u>
<p>A material is electrically conductive if electricity can pass through it. You can test for electrical conductivity by building the circuit shown in the photo below.</p> <p>Test the materials and fill in the table with either yes or no.</p>	<p>Use the red and blue bar magnet to test to if the material is magnetic.</p> <p>Test the materials and fill in the table with either yes or no.</p>	<p>Weigh the materials using the weighing scales.</p> <p>Fill in the table with the weight (in grams).</p>
		