



Name: Form:

Based on pages 22 and 23 of *Changing materials*

Comparing steel with other materials

Try this...

1. Collect a steel nail, a piece of copper, a piece of wax, a piece of paper, a piece of plastic sheet, a piece of woollen fabric.

2. Write down how you would test whether the materials were magnetic.



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3. Write down how you would test whether the materials were transparent.



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4. Write down how you would test whether the materials were waterproof.



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5. Write down how you would test whether the materials conducted electricity. (You may draw a diagram of the equipment you would use.)

6. Check your plans with your teacher.

7. Carry out your investigation if your teacher approves your plans.

8. Make a table for your results on a separate sheet of paper and fill it in.

Looking at the results.

9. Describe the properties of steel.



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