MATERIALS TESTING

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On behalf of The World Association of Technology Teachers

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This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet.
Materials Testing is important in manufacturing industry.

Describe basic material tests, that could be performed in a school workshop, to investigate the following physical properties:

Hardness
Tensile Strength
Elasticity
Conductivity
Ductility and Malleability
Toughness

HARDNESS:

TENSILE STRENGTH: