

**MEMO**WATERKLOOF PRIMARY SCHOOL

Grade 5      Natural Sciences and Technology      Term 2      Worksheet LD 13

Here is a fun activity you can do at home on your own. If you'd like feel free to add your own objects at the end of the table and test them too!

INVESTIGATE AND COMPARE THE PROPERTIES OF SOME METAL AND NON-METAL OBJECTS

You will need:

A coin

A piece of chalk OR a piece of egg shell

A nail

A stainless steel fork

A piece of cloth.

1. Copy the following table into your workbook.
2. Complete the table by testing the objects below:

**Properties of materials**

Object	Hard or soft	Shiny or dull	Stiff or bendy	Strong or weak
coin	HARD	SHINY	STIFF	STRONG
piece of chalk/egg shell	HARD	DULL	STIFF	WEAK
nail	HARD	SHINY	STIFF	STRONG
fork	HARD	SHINY	STIFF	STRONG
piece of cloth	SOFT	DULL	BENDY	WEAK

3. Answer the following questions in your workbook:
  - a. Which objects were shiny?
  - b. Are these objects (from above answer) made from metals or non-metals?
  - c. Which objects do you think would break easily?
  - d. Are these objects (from answer for(c)) made from metals or non-metals?

ANSWERS: A. THE COIN, NAIL AND FORK WERE SHINY.

B. ALL OF THEM ARE MADE OF METAL.

C. THE EGG SHELL/CHALK AND CLOTH WOULD BREAK EASILY.

D. THEY ARE MADE OF NON-METALS.