

Name: _____

Theme Based Study Sheet

Silver facts

Silver is a precious metal. It has been used for coinage, jewellery, tableware, dental alloys, and photography.



In ancient Egypt and medieval Europe silver was often more valuable than gold.

Pure silver is extremely soft and is the best conductor of heat and electricity of all known metals.

Silver is used for water purification, because it prevents bacteria growth.

Silver is used in long life batteries.

Eggs can tarnish silver very quickly.

Silver is very malleable. One grain of silver can be made into a sheet one hundred and fifty times thinner than a piece of paper.

Do you know any more interesting facts about silver?

Writing

'Every cloud has a silver lining'

This expression reminds us that every difficult situation has a bright side.

Write a short narrative based on a personal experience where in a bad situation you found something good.

Research

Find the meaning of the phrase:

'born with a silver spoon in their mouth'.

What does the Australian expression 'silvertail' refer to?

If someone said that you were 'silver-tongued', what did they mean?

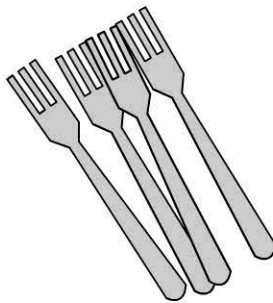
Silver search

Silver can be found in many common objects such as long life batteries.

Research the many uses of silver (past and present).

Do a "silver search" in your home.

How many objects can you find in your home that are made of silver or have silver in them?

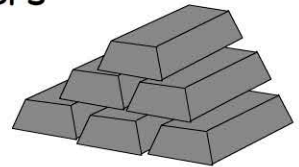


Number Crunchers

If the price of gold and silver is:

gold £44.55 gram

silver £1.22 gram



What is the cost of 1kg of gold?

What is the cost of 1kg of silver?

If a jeweller makes a bracelet and uses 120g of silver, how much will the silver cost?

If the jeweller uses gold to make the bracelet, how much will it cost?

What is the difference in cost between the gold and silver bracelets?

Coins

Silver has been coined to use as money for more than 2000 years.

The Royal Australian Mint won an international award for 'Best Silver Coin 2006' for its Silver Kangaroo coin design.

Design a new silver coin.



For more fun and revision you can play games online using Studyladder's website.