

Visit the Mint!

Discover the Royal Australian Mint

This worksheet is to be used with Project Pull-out 29, which is found in the January 2009 issue of DMAG. You will need to do a little bit of detective work and read this Project Pull-out carefully to be able to complete your mission ❖❖

CREATING COINS

Read pages 49 to 50 of DMAG. Using the numbers 1 to 7, put these steps into their correct order.

___ Struck coins are collected in a catch box.

___ The Reserve Bank of Australian (RBA) distributes coins into circulation.

___ Blanks are heated in a furnace to soften them.

___ Blanks are fed into a coining press, which is installed with dies.

___ Dies strike the blanks, imprinting both sides.

___ Coins are delivered to the Reserve Bank of Australia.

___ Blanks are polished in a mixture of small steel, ceramic balls and special chemicals.

AROUND THE WORLD

Match the following currencies with the country that they belong to.

CURRENCY	COUNTRY
Lira	Japan
Zloty	Mexico
Pound	Thailand
Rupee	Indonesia
Kuna	Russia
Yen	United States of America
Rupiah	Sweden
Euro	Croatia
Krona	Britain
American dollar	India
Vatu	Turkey
Peso	Poland
Ruble	Vanutau
Baht	France
Dinar	Serbia



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WEIGHT IN GOLD

The world's strongest robot is coming to the Mint, but coins aren't that heavy are they? Grab a \$1 coin, weigh it, then answer the following:

1. How heavy is the coin? ____ grams
2. How many coins can the Mint produce per day? _____
3. If the Mint produces this many \$1 coins in one day, how heavy would all the coins be? _____ kilograms (Multiply the answer to (1) with (2), then divide this by 1000 to get the answer in kilograms)
4. How heavy are you? _____ kg
5. So, how many of you would be equal to a day's worth of \$1 coins? _____ (Divide (3) by (4).

About DMAG

These student's activity sheets were sponsored by the Royal Australian Mint and written by the staff at DMAG. Text is © DMAG. To subscribe to the magazine they refer to, call 1300 887 795 (Australia) or 612 8296 5413 (international). To find out more about the Mint visit www.ramint.gov.au

COMING TO TERMS

Match the following types of coins with their traits. You can find definitions for these at www.ramint.gov.au.

COIN

- Circulating
- Uncirculating
- Frosted uncirculated
- Proof

COIN TRAIT

- Has a polished appearance and its field (background) is frosted.
- Coins distributed by the RBA to be used as change in shops.
- Are manually and individually coined within a specifically conditioned environment.
- These coins are packaged into individual sleeves, presentation folders or cases.



CHECKLIST

Before coins can even begin to be made, there are a couple of things you need to have on hand. Read pages 48 to 51 of DMAG's project pull-out then complete the table below.

Item	What is it?	Why is it needed?
Die		
Blank		