

Name _____



Crystal shape and colour

Find a **yellow** crystal. What shape is it?



Choose a crystal. Draw a picture of it.

What colour is your crystal? _____

Name _____



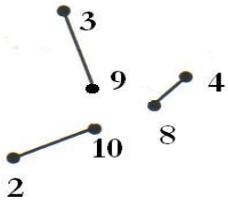
Mineral Gallery

Minerals

Crystal Shape

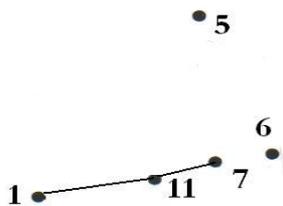
Join the dots to see a crystal shape.

Find a crystal this shape in the Museum.



The colour of the crystal I found is _____

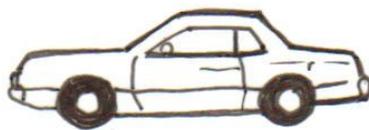
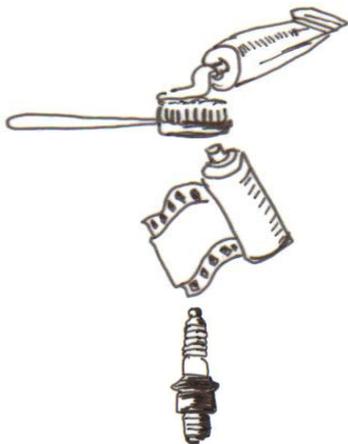
If I touched this crystal it would feel like _____



The shape of this crystal looks like _____

Made of Minerals

In the **Mineral Gallery** find the things pictured on the left. Draw a line from the things on the left to match them with something on the right. Use the label to **finish** the name of the mineral used to make it. Can you find the mineral on display?



f l u _ r _ d e

s _ l _ e r

b _ r i _ e

Name



Mineral Gallery

Crystal Shapes

Crystal Shapes

Go to the section of the **Crystal Shape** display



Cubic

A mineral which forms a crystal in a cubic shape is called



Hexagonal

A mineral which forms a crystal in a hexagonal shape is called _____

What is it made of ?

In the Mineral Type section of the Mineral Gallery **find** an object you might see every day. Read the information about the mineral used to make it

Find an example of that mineral and **draw** a picture of it.

Object

Name of the everyday object:

Mineral

Name of the mineral used to make it:

Name _____



What Mineral is it?

Look in the display labeled **Broken Hill**. (2.1 on the Museum map)

Find a green mineral in the showcase.

Write down the **number** next to the mineral specimen. _____

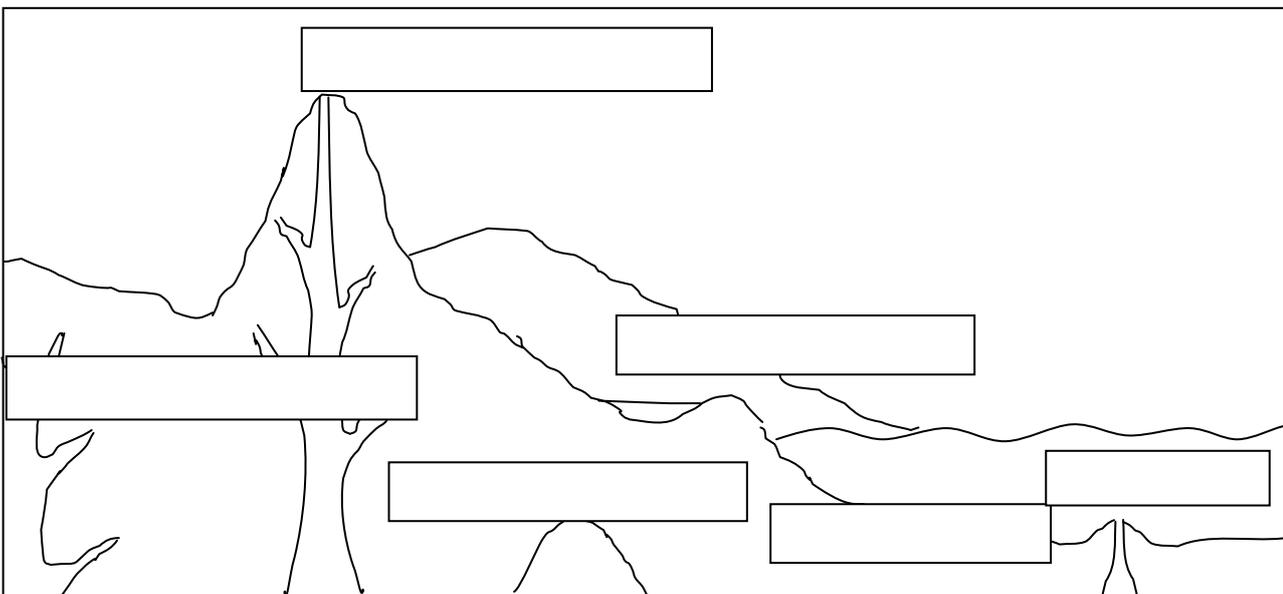
What is the name of the mineral _____

How did you find out the name of the mineral? _____

Minerals and Rocks

Find this display in the Museum and use the diagram below to show the types of rocks listed form. (1.2 on the Museum map)

Above ground volcano cooked rocks crystal pipes
black smoker layered rocks salty minerals



Name _____



What do these things have in common?

In the Mineral Gallery, go to the showcase called **Oxides and Hydroxides. (3.2 on the map)** Read the information to find out what these things have in common

Objects	They are made of
Artificial hip, spacecraft and airplane blades	_____
Optical glass and computer chips	_____
A food can and batteries	_____

Go to the showcase called **Halides and Carbonates (3.3 on the map)**

Dry cell batteries and glass? They are made of _____

In the bottom of some display cases in the Mineral Gallery you can find every day objects. Look at these objects and explain why you think they are in the showcases.

Toothpaste It contains the mineral _____

Photo Film It contains the mineral _____

Choose your favourite crystal in the mineral gallery,

Drawing of crystal

Name of mineral _____

Colour _____

Each crystal is about ____ cm big

The crystal shape is _____

Read the information. Is this mineral used in industry to make a product? If so, what is it used for? _____

Name _____

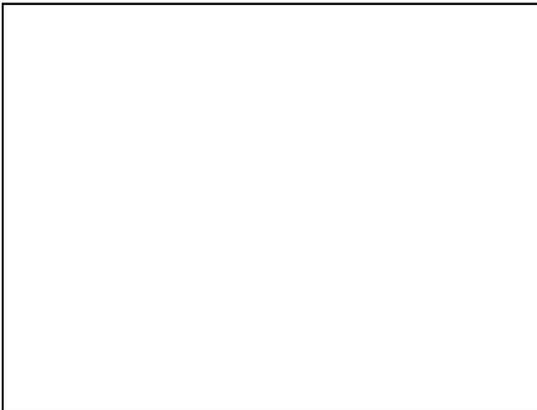
Gold

Go to the showcase **Native Elements** (3.1 on the Museum map)

Choose a gold specimen. Draw a picture of it in the box below.

Find the number next to the specimen and look up the label to find out where it was found.

Specimen number _____



Location this piece of gold was found _____

Use the object label to name locations gold has been found
in NSW at _____
in WA at _____

Read the information about gold. Write down three uses of gold.

1. _____ 2. _____ 3. _____

Watch the documentary about gold on the screen to find out the answers to the following questions:

List the steps to remove gold from the earth and turn it into ingots

1. _____ 2. _____ 3. _____

Why is gold used in computers? _____

Why is it used in spacecraft? _____



Mineral Gallery

GOLD