

DISCOVER GOLD

IN YOUR LIFE



**GOLD
INDUSTRY
GROUP**

heart of gold

Australia app



Experience gold via our free **Heart of Gold Australia** app!

- Discover 30+ fun and interactive gold experiences across Australia.
- Explore in-app, self-guided and guided gold experiences, from tours and attractions to trails and virtual games!
- Embark on an interactive walking adventure along the Heart of Gold Discovery Trail in Perth or Kalgoorlie.

DOWNLOAD THE FREE HEART OF GOLD AUSTRALIA APP FROM THE APP STORE OR GOOGLE PLAY.

heart of gold

experience gold

goldindustrygroup.com.au/heart-of-gold-australia-app



GOLD IN

AEROSPACE

PART OF THE
JAMES WEBB
SPACE TELESCOPE

USED IN SPACE
VEHICLES + HELMETS

ASTEROIDS COULD BE
MINED IN FUTURE





Did you know?

In the future, asteroid mining could be a new source of precious metals including gold!



Discover Gold in Aerospace

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for a space telescope to discover gold facts that are out of this world!

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GOLD IN
AWARDS



TROPHIES
LIKE THE
MELBOURNE
CUP



OLYMPIC
MEDALS



THE
NOBEL
PRIZE



Did you know?

Olympic gold medals were made of solid gold until 1912. Today, Olympic gold medals are plated with just 6 grams of gold!



Discover Gold in Awards

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for a gold medal to discover what iconic Australian trophy is made of Aussie gold!

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GOLD IN YOUR

BODY

0.2 mg

OF GOLD
IN YOUR BODY

MOST IS
IN YOUR
BLOOD





Did you know?

Our bodies contain about 0.2 milligrams of gold, mostly in our blood!



Discover Gold in Your Body

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for a girl running on a street to discover how gold in your body benefits you!

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GOLD IN



GOLD IN TOOTH FILLINGS

DENTISTRY

BLING!



USED IN
ANCIENT EGYPT



SOME RAPPERS
WEAR GOLD GRILLS



Did you know?

Some rappers wear gold 'grills' made from 10 to 24 carat gold over their teeth as a symbol of status!



Discover Gold in Dentistry

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for gold teeth to reveal an ancient gold fact!

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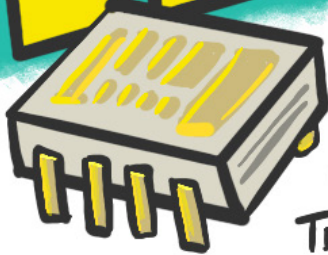
Australia app

GOLD IN



CONDUCTIVE
PROPERTIES

ELECTRONICS



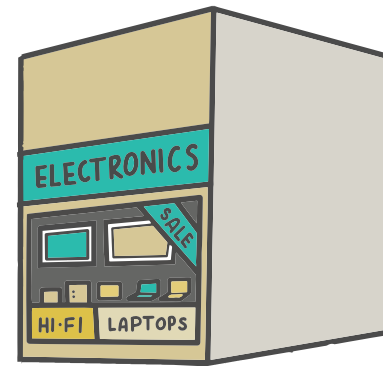
A METAL
OF CHOICE IN
TECHNOLOGY



IMPROVES
TOUCH SCREENS
AND DISPLAYS

Did you know?

Gold is found in almost all electronic devices due to its conductive properties !



Discover Gold in Electronics

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for an electronics store to discover how gold improves technology!

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GOLD IN THE

ENVIRONMENT

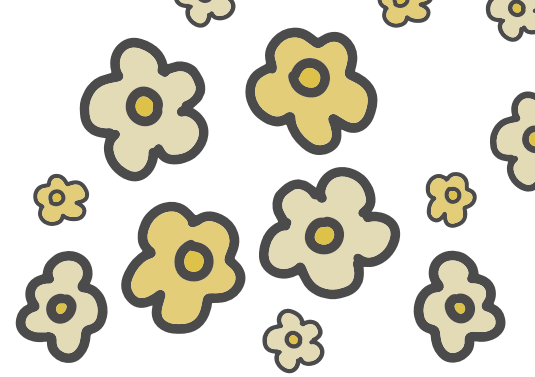


GOLD PARTICLES
IMPROVE SOLAR TECHNOLOGY



GOLD NANOPARTICLES
BREAKDOWN CONTAMINANTS

Did you know?



Gold nanoparticles are used in green solutions to help improve the breakdown of contaminants in groundwater!



Discover Gold in Environment

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for flowers to discover a clean energy gold fact that will surprise you!

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GOLD IN



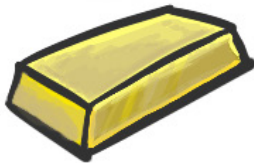
CRISIS
CURRENCY

FINANCE



STORE OF WEALTH
FOR THOUSANDS OF YEARS

BULLION, COINS AND CERTIFICATES



Did you know?



Gold can be traded and invested in the form of coins, bullion bars, or gold certificates!



Discover Gold in Finance

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for a piggy bank to test your wealth of knowledge!

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GOLD IN



PURE GOLD CAN
BE SAFELY CONSUMED

FOOD

INCLUDING



DRINKS



BURGERS



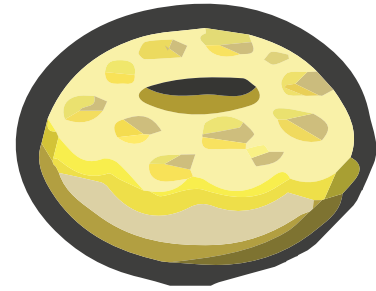
CAKES



DONUTS



SUSHI + TACOS



Did you know?

Since early times, edible gold has been used to decorate food and drinks!



Discover Gold in Food

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Find a doughnut to discover your golden food of choice!

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GOLD IN

JEWELLERY



TUTANKHAMUN'S TOMB:
THE BIGGEST GOLD
COLLECTION IN THE WORLD



HALF THE
WORLD'S MINED
GOLD IS MADE
INTO JEWELLERY



YELLOW,
WHITE, ROSE
AND BLACK GOLD



Did you know?

Almost half of the world's mined gold is made into jewellery, making it the single largest use of gold!



Discover Gold in Jewellery

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



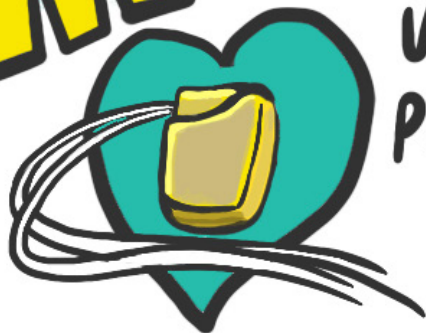
Hint: Look for a gold ring to discover the biggest collection of gold jewellery in the world!

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GOLD IN

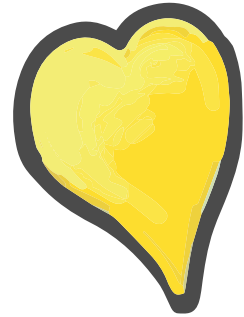
MEDICINE



USED IN
PACEMAKERS



HELPING TO
TREAT CANCER
AND DETECT HIV/AIDS



Did you know?

Some pacemakers are coated in gold making the expression 'heart of gold' a reality!



Discover Gold in Medicine

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for a heart of gold to discover how gold is saving lives!

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GOLD IN



1 TONNE OF PHONES
YEILDS MORE GOLD THAN 1 TONNE OF ORE

PHONES

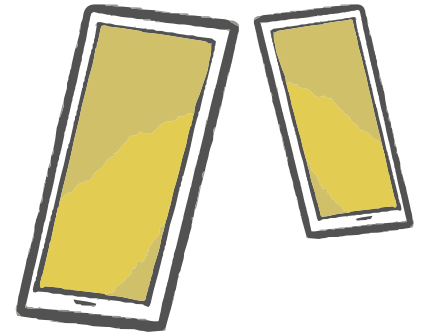


THE GOLD IN
YOUR PHONE IS
WORTH ROUGHLY \$1



HELPS YOUR
PHONE TO
FUNCTION

Did you know?



One tonne of mobile phones can yield more gold than one tonne of ore!



Discover Gold in Phones

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for a mobile phone to discover how gold helps us to communicate!

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GOLD IN
TRANSPORT

GOLD ECO-FRIENDLY CAR PARTS



24 CARAT BIKE





Did you know?

Aeroplanes have a thin gold coating on their windscreens to reflect infrared radiation!



Discover Gold in Transport

Play the Discover Gold Game on the free Heart of Gold Australia app to uncover more gold facts.



Hint: Look for an aeroplane to discover how gold keeps you safe in the air!

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NATIONAL GOLD EDUCATION PROGRAM

This *Discover Gold in Your Life* booklet was developed as part of the Gold Industry Group's National Gold Education Program. The Program provides teachers with access to free, interactive gold demonstrations delivered by passionate gold class facilitators who work within Australia's gold industry. Students learn all about gold, its value, relevance and opportunities, from real industry professionals through hands-on STEM (Science, Technology, Engineering, Mathematics) activities, designed for Upper Primary students (Years 4-6) and Lower Secondary students (Years 7-10).

Our free, exclusive Gold Resources Kits are also on offer as part of the National Program, featuring real rock and gold samples from gold mines in Victoria and Western Australia, along with a range of tools linked to the Australian Curriculum. The unique learning resources include this booklet to excite students about Australia's diverse gold sector.

Visit education.goldindustrygroup.com.au to find out more about the Program.

