

# SCIENCE FACTopia!

There is something STEM-tastic about *Science FACTopia!* Every fact is linked to the next, and in the most surprising and even hilarious ways. Can you find the words which link each science fact? Use each word twice to connect one fact to the next. The first one has been done for you.

Start here!

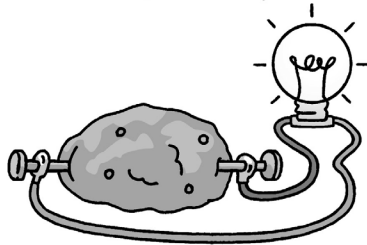
Diamonds are the **hardest** natural substance humans have ever discovered on Earth.

When \_\_\_\_\_ crash into each other they can create an explosion called a kilonova, which can produce platinum and \_\_\_\_\_.

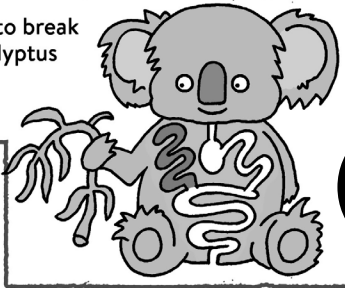
Scientists think the **hardest** material in the universe may be what's called nuclear pasta – a material that makes up part of \_\_\_\_\_, massive stars that have collapsed.

Pyrite, commonly called fool's \_\_\_\_\_, is used to make car \_\_\_\_\_.

You can make \_\_\_\_\_ out of potatoes by putting \_\_\_\_\_ nails on both ends. Just one potato could power an LED light bulb for more than a month.



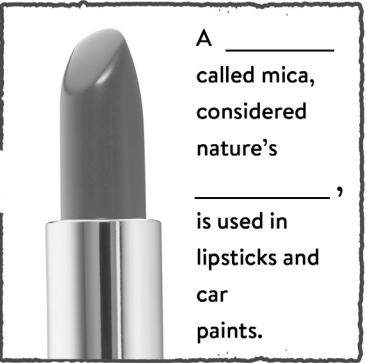
The body of the \_\_\_\_\_ allows it to break down the toxic chemical in eucalyptus leaves, making them safe to eat.



End here!

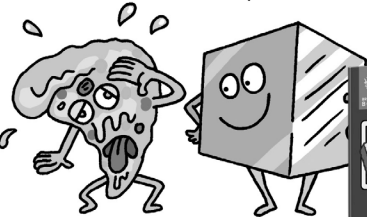
Instead of plastic pieces that never decompose, Earth-friendly \_\_\_\_\_ is made from eucalyptus trees – the same trees that the \_\_\_\_\_ likes to eat from.

When sand gets \_\_\_\_\_ enough to melt, it forms a liquid \_\_\_\_\_ used to make glass. Other minerals can be added to change its colour.



A \_\_\_\_\_ called mica, considered nature's \_\_\_\_\_, is used in lipsticks and car paints.

The strongest \_\_\_\_\_, tungsten, melts at 3,422°C. That's about 14 times as \_\_\_\_\_ as the temperature needed to bake a pizza.

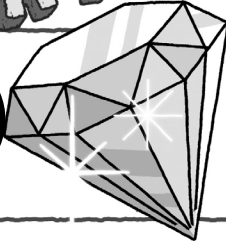


**WORDS:** Batteries, glitter, gold, ~~hardest~~, hot, koala, mineral, metal, neuron stars

## ANSWERS

Did you put the words in the correct place to complete the mind-blowing, wow-worthy, and crazy cool facts about science? Still feeling curious? Then discover more of the wonderful world of science in *Science FACTopia! Follow the trail of 400 STEM-tastic facts.*

Start here!



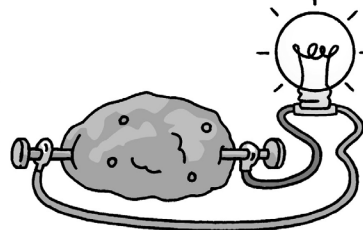
Diamonds are the **hardest** natural substance humans have ever discovered on Earth.

When **neutron stars** crash into each other they can create an explosion called a kilonova, which can produce platinum and **gold**.

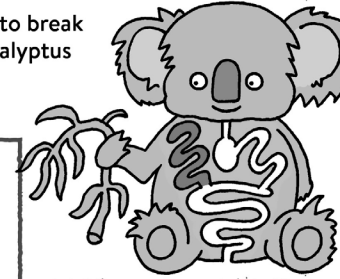
Scientists think the **hardest** material in the universe may be what's called nuclear pasta – a material that makes up part of **neutron stars**, massive stars that have collapsed.

Pyrite, commonly called fool's **gold**, is used to make car **batteries**.

You can make **batteries** out of potatoes by putting **metal** nails on both ends. Just one potato could power an LED light bulb for more than a month.



The body of the **koala** allows it to break down the toxic chemical in eucalyptus leaves, making them safe to eat.



End here!

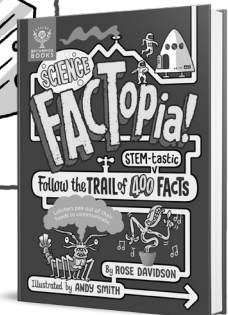
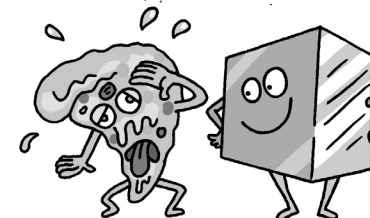
Instead of plastic pieces that never decompose, Earth-friendly **glitter** is made from eucalyptus trees – the same trees that the **koala** likes to eat from.

When sand gets **hot** enough to melt, it forms a liquid **mineral** used to make glass. Other minerals can be added to change its colour.



A **mineral** called mica, considered nature's **glitter**, is used in lipsticks and car paints.

The strongest **metal**, tungsten, melts at 3,422°C. That's about 14 times as **hot** as the temperature needed to bake a pizza.



Out now!