



## Welcome to your Discovery Box

Here you will find an array of exciting activities and fun facts to prepare you for your next unit of study.

*Inside this Discovery Box you will find:*

- fun facts and information
- craft activities
- puzzles and games.

We hope you find these activities engaging and entertaining but most of all that they make you **curious** to learn more.

## Fun facts about Asia

**Population:** more than 4 billion

**Land area:** 45,036,490 square kilometres

**Countries:** 48

**Highest peak:** Mount Everest, on the border of Nepal and China, rises 8,848 metres above sea level.

**Largest lake:** Caspian Sea

**Longest river:** Yangtze or Chang Jiang. At 3,964 miles long it is the third longest in the world.

**Smallest country** (by land area and population): Maldives, a country made up of around 1,200 islands found in the Indian Ocean.

**Biggest country** (by land area): the Russian Federation

**Largest nation** (of people): China

**Largest city:** Tokyo in Japan. With more than 38 million inhabitants, Tokyo is the largest city and has the largest metropolitan area. This city has more inhabitants than the whole country of Canada!

**Largest desert:** The Gobi Desert is the largest desert in Asia and the fifth largest desert in the world. This is a cold desert where the temperatures can be very low and sometimes even snow can occur.

**Languages:** Hundreds are spoken. For example, India alone has 30 official languages and Indonesia has 12, with many more spoken among families at home. English, Arabic, and Mandarin Chinese are the most common across the continent.



## How to make a volcano



### Equipment:

- empty 1 litre plastic bottle
- newspaper, torn up in strips
- PVA craft glue
- masking tape
- a recycled plastic container for the water and glue mixture

**To make the lava to mimic that of a real volcano you will need 4 tablespoons of bicarbonate of soda and a few drops of red food colouring mixed in 250 millilitres of white vinegar.**

### Instructions:

1. To make the basic shape of a volcano, cut the middle of the plastic bottle out and then overlap the two ends.
2. Use masking tape to secure both halves together.
3. To give the volcano a more pyramid/mountain shape roll newspaper around the bottom and use masking tape to fix it in place.
4. Apply papier maché to the bottle using small strips of newspaper dipped into the gluey water mixture.
5. Leave the hole as an opening at the top.
6. Let the papier maché dry for a few hours. Then paint your volcano.
7. Place a funnel in the top of the bottle.
8. Sift the bicarbonate soda into a funnel and then pour in the vinegar ... you must be super quick to get the funnel out. Watch your volcano erupt!

## No-bake choc chip energy balls

Why not try these balls, which are low in sugar but high in iron, fibre, and protein? Perfect for a hiking trip!

### Ingredients:

- 95g rolled oats
- 190g dates, softened for 10 minutes in warm water
- 1 tsp vanilla extract
- 2 tsp maple syrup
- 4 tbsp cacao powder
- 1 tbsp mini chocolate chips
- Shredded coconut (optional)



### Method

1. Combine the dates, vanilla extract, and maple syrup in a food processor.
2. Pulse until fully mixed and dates are fully chopped.
3. Add oats and cocoa powder. Pulse together, stopping to remove mixture that is sticking to the sides. Mix until just combined.
4. Add in chocolate chips. Roll the batter into balls with your hands. If you want, roll the balls in shredded coconut as a garnish.
5. Store the balls in an airtight container in the fridge or freezer. Happy snacking!



Can you find the different key vocabulary in the word search?



ASIA

CONTINENT

MOUNTAIN

EARTHQUAKE

EPICENTRE

TECTONIC PLATES

SEISMIC

ERUPTION

VOLCANO

MAGNITUDE

AFTERSHOCK

LAVA

MAGMA

Research a country in Asia.



Name

Picture

Information

## Many countries in Asia are affected by earthquakes.

Design a poster to help people stay safe before, during, and after an earthquake.



