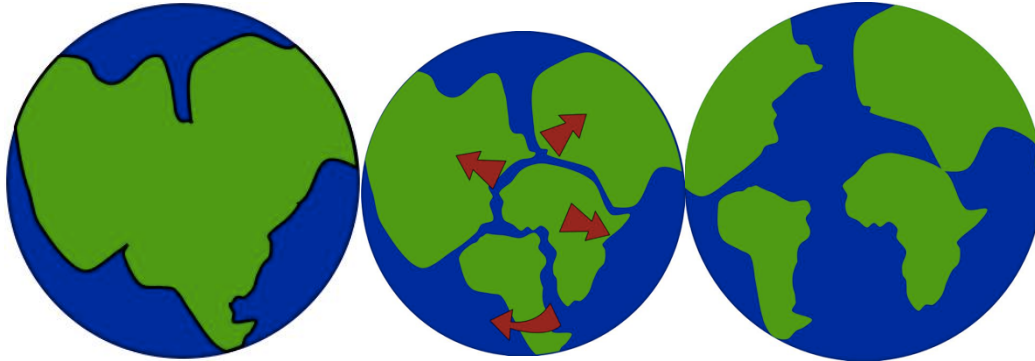


Plate Jigsaw - Student Activity



Supercontinent Pangaea

Modern continents

Wegener was able to re-assemble the supercontinent Gondwana using clues from geology, fossils, climate bands, magnetic orientation of rock and jigsaw fit of present continents.

Activity Bread jigsaw (Putting it back together)



Materials per student

- Old newspaper as a bench protector
- One slice of bread with the crusts cut off.
- Felt tip pens
- Tin lids or saucers for paint palettes
- PVA paint and paint brushes
- One plastic or paper sandwich bag

Place the bread slice on newspaper and draw/paint a simple picture or pattern on it.

Make sure the picture goes to the edges of the slice

Write your name on the bag, write a very simple description of the picture (three words or less) on the bag and place the bread slice on top

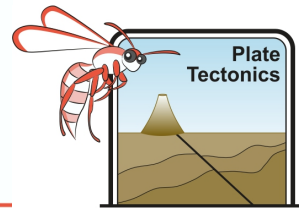
Leave overnight to dry where your teacher indicates.

Hold the dry bread inside the bag and break it into at least 8 pieces. These are the jigsaw pieces.

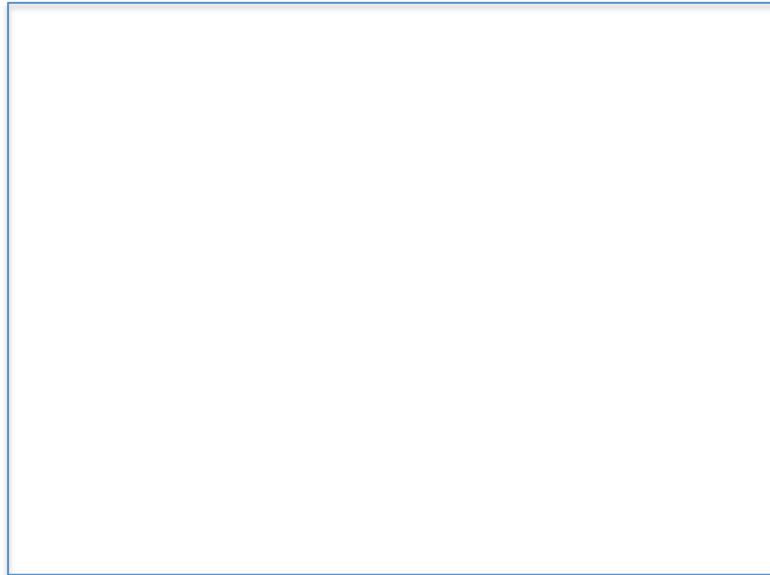
Gently shake the bag to mix up the pieces

Exchange your bag with another student and see if you can put each other's picture back together.

Plate Jigsaw - Student Activity



Draw the completed jigsaw picture below



What clues did you use to put it all back together?

1. _____
2. _____
3. _____
4. _____
5. _____

Would it have been easy to reassemble the picture using only one of the pieces of evidence above?
Explain your answer.

How good was your "fit"? _____

How did this activity resemble the development of Continental Drift Theory?

Many sources of evidence are often necessary to support new ideas. Nothing is ever proven in Science but hypotheses can be supported or disproved by evidence.

Science only accepts evidence (data) that is observable, measurable and repeatable

An initiative supported by Woodside and ESWA