

TIMEWALK

BOARD GAME

By Heather Catchpole

TIME MACHINE COUNTERS

In this game, you will travel through time in a time machine. Before playing, assemble your time machine counters according to the instructions below.

YOU WILL NEED:

- * scissors
- * glue or tape

WHAT TO DO

1. Use scissors to cut along the border of each of the four time machines.
2. Fold along the dotted lines. For each counter, glue or tape the touching parts together so that the time machine print is facing outwards.
3. Glue or tape each counter into a tube shape. The purple and red tab should overlap with the pattern on the inside, and the number should be on the outside. You should now have four separate time machine counters!

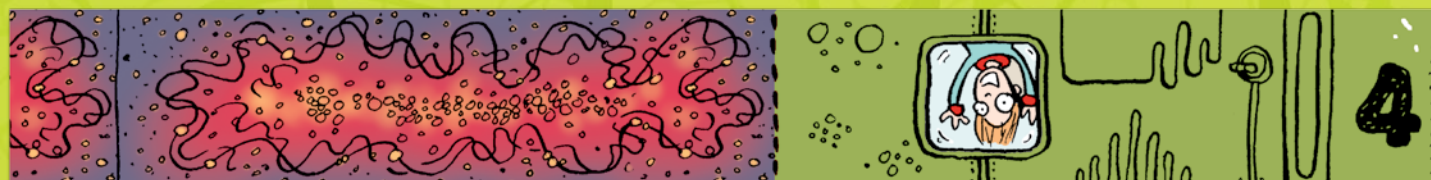
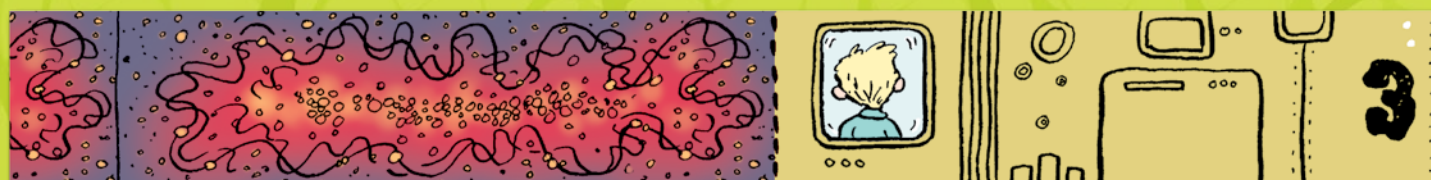
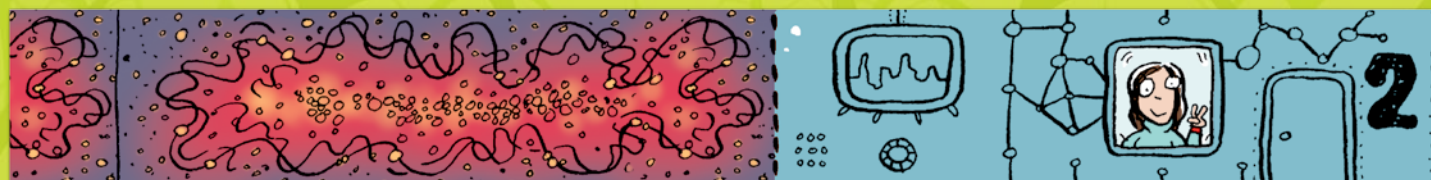
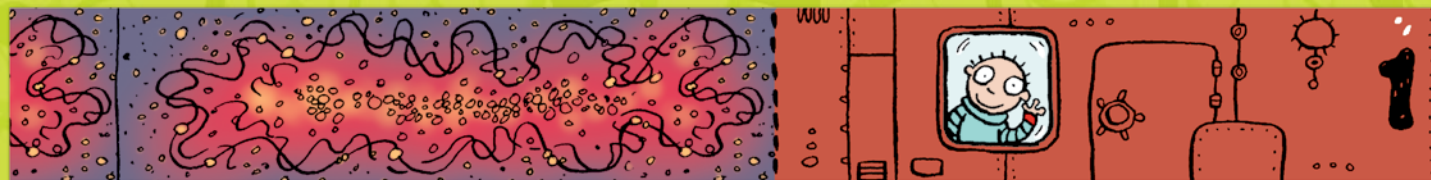


Image credits Alex Hallatt, Geoscience Australia

HOW TO PLAY

YOU WILL NEED:

- * 2+ players
- * a die
- * a counter for each player

WHAT TO DO

1. Send your counters back in time to the START, roughly 4600 million years ago, when the Earth formed out of the colliding rocky bodies that spun around the new Sun.
2. Roll the die to see which player starts. The player with the highest roll goes first. Play then continues in a clockwise direction (to your left).
3. Follow the directions on the squares. You may get stuck in an ice age, leap out of the way of impending meteorite strikes, or be set back by a major extinction event. Life on Earth was pretty tough for much of Earth's history!
4. Your goal is to reach the PRESENT DAY, racing through the story of the evolution of life and the changing environment of our unique planet.



GLOSSARY

Eon The longest time period into which geological time is split.

Era The second-longest time period into which geological time is split. Each eon is divided into separate eras.

Extinction When entire species died out.

Ice age Periods throughout Earth's history when the temperature was much colder and the Earth was covered in glaciers – frozen 'rivers' of ice.

Ma A short way to write 'million years ago'.

Period A length of geological time. Each era is split into separate geological periods.



WALK THROUGH EARTH'S PAST



Imagine if the thousands of millions of years that the Earth has been around were steps and you could 'walk' from Earth's beginning right to the present day. At Geoscience Australia in Canberra you can do just this, stopping at rocks and plaques that show what the Earth was like in the past, what sort of rocks were forming at the time, as well as what life – if any – was around. You can also see where famous Australian rock formations fit into the history of our amazing planet. The Geological TimeWalk is only one kilometre long – so it won't take you eons to get from start to finish!

You can also get a free booklet on the TimeWalk:
www.ga.gov.au/products/servlet/controller?event=GEOCAT_DETAILS&catno=69795

