

What is
'Deep Time'
and why does
it matter?

Take it further:

THINK

What curiosity questions can you ask?

e.g. When did humans arrive on the planet? What was here before us? How new are we in relation to the earth? How does it help to think about how long (or not) humans have been living on earth?

FEEL

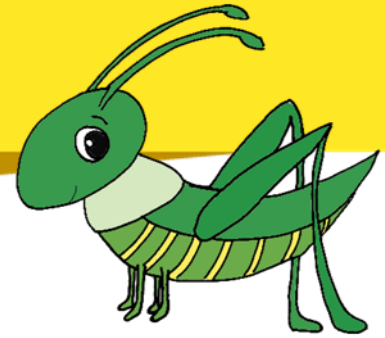
How might different people feel about this?

e.g. How do you feel about the world right now? Does it help to understand the world before humans came? How does it feel to think about humans being just one part of this world and being quite new on planet earth?

CONNECT

What links can you start to make?

e.g. What was the world like before humans? What impact have we had on the world in a positive and negative way? What can we learn from life before we arrived?



Activity ideas:

1. Did you know that human beings have only been on planet earth for a very short time? When you think of history, you might think of all the stories that you are learning about humans on earth – and there are many, many stories – but what about the history before humans...how much do you know about life before us, before dinosaurs and before life forms even existed?

To help you to understand just how old the earth is, take a look at this activity and have a go at [Travelling through Deep Time](#)

2. How old is the earth? The earth is 4.6 billion years old – which is a really, really, really big number. It is so big, it is really hard to understand this number, so using metaphors to help is a good way to help us understand. Take a look at this short cartoon from TED-Ed which offers some different ways to understand how old the earth actually is: [Four ways to understand the earth's age](#)
3. Want to know more about Deep Time and climate change, but not sure where to start? Download our free **Changing Climates** curriculum and explore a whole range of discussions, activities and ideas for 5-18 year olds and lots of resources to help you: <http://www.thoughtboxeducation.com/climatecurriculum>

USE THE **THINKER'S GUIDE TO HELP YOU*

What other activities could you do?
