



# ASSIST

AUSTRALIAN SCHOOL SCIENCE  
INFORMATION SUPPORT FOR  
TEACHERS AND TECHNICIANS

Published on ASSIST (<https://assist.asta.edu.au>)

[Home](#) > ABC Science article "Confirmed: Earth's oldest rock in Australia"

---

## ABC Science article "Confirmed: Earth's oldest rock in Australia"

Posted by [sat](#) on Sat, 2014-03-15 10:48

This online resource is about the formation of the Earth's crust.

The resource is an ABC Science report that relates to the age of the Earth—Scientists have discovered that rock crystals found in Western Australia are the oldest rocks ever found on Earth; zircon crystals have been positively dated at 4.374 billion years.

The research reported in the journal *Nature Geoscience*, means that Earth began forming a crust far sooner than previously thought, following the giant impact event which created the Earth–Moon system 4.5 billion years ago.

This report relates to the structure of the Earth and formation of its crust. This is also a good article to have students reflect on how scientist's knowledge changes and evolves over time as information is discovered and technology allows us new insights.

Australian Curriculum v9 Codes: AC9S10U03 (Year 10)

### **Tags:**

[geology](#)

[oldest](#)

[crust](#)

### **External Link:**

["Confirmed: Earth's oldest rock in Australia"](#)

[Related Resource: Nature GeoScience Reference](#)

### **Source Category:**

[Government](#)

["Earth's oldest rock in Australia"](#)



Average: 3 (2 votes)

### **Publication Date:**

February, 2014

[Geological time](#)

---

**Source URL:**<https://assist.asta.edu.au/resource/416/abc-science-article-%E2%80%9Cconfirmed-earth%E2%80%99s-oldest-rock-australia%E2%80%9D>