

# Classroom Activity

## 10 Big Question: How did life evolve on Earth?

### Evolution

Scientists study the evolution of life by looking at similarities between different organisms. By comparing DNA sequences, some surprising evolutionary relationships have been discovered.

Did you know:

- Turtles are more closely related to birds than they are to snakes and lizards.
- Bats and whales are more closely related than bats and mice.
- Strawberries are more closely related to roses than they are to blackberries or raspberries.

Online Resources:

(Great introductory website for everyone — Evolution 101)

[http://evolution.berkeley.edu/evolibrary/article/evo\\_01](http://evolution.berkeley.edu/evolibrary/article/evo_01)

(Extensive guide for teachers)

<http://evolution.berkeley.edu/evolibrary/teach/index.php>

This classroom activity was suggested by Kieren Mitchell, PhD student with the Australian Centre for Ancient DNA, School of Earth and Environmental Sciences, University of Adelaide.