



Classroom Activity

10 Big Question: How did life evolve on Earth?

Hotter or colder?

This research activity can be done individually.

Choose two animals: one that is endothermic (warm blooded) and one that is ectothermic (cold blooded). For each one, use library and online resources to find out:

- How much and how often they need to eat
- Their habitat
- The weather conditions they're found in
- Their speed and how active they are
- For endotherms, what techniques they have to keep their internal temperature constant
- For ectotherms, what ways they have of warming their body

Once you have collated all of your information, present it in a table comparing the characteristics of the two animals. Have a look at your classmates' tables – are there any patterns or trends which form in each kind of animal?