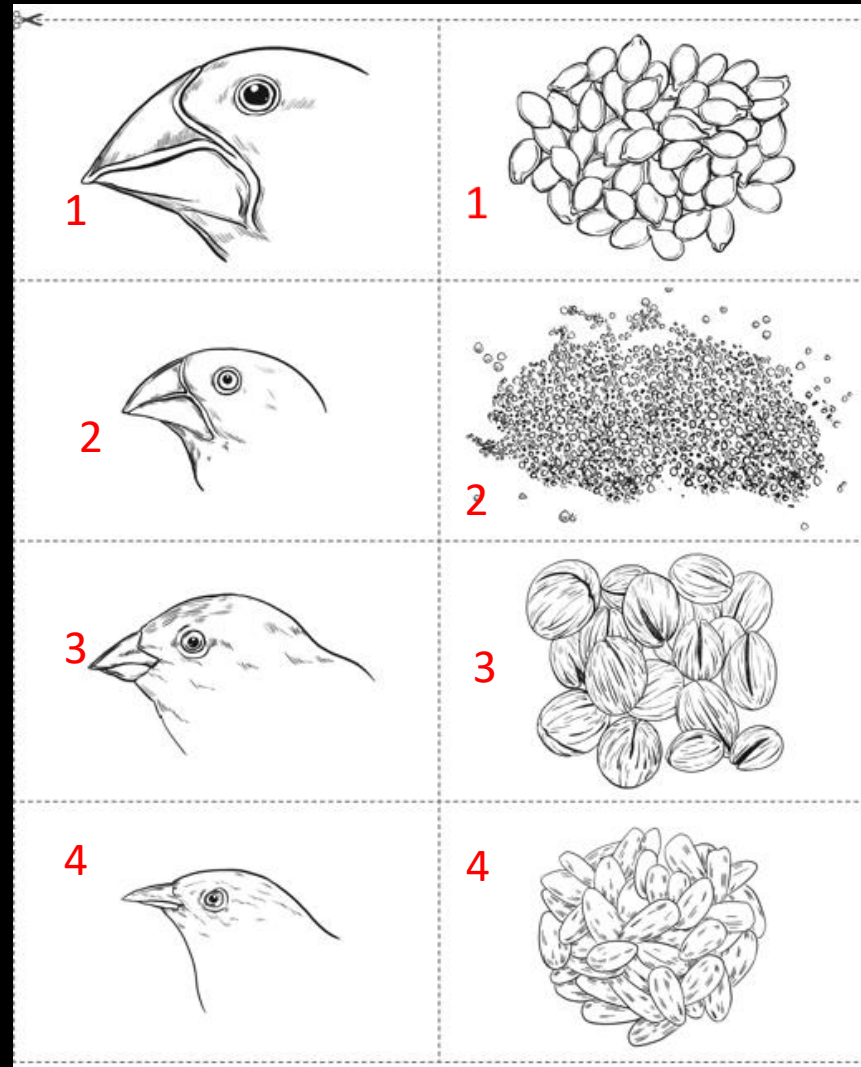


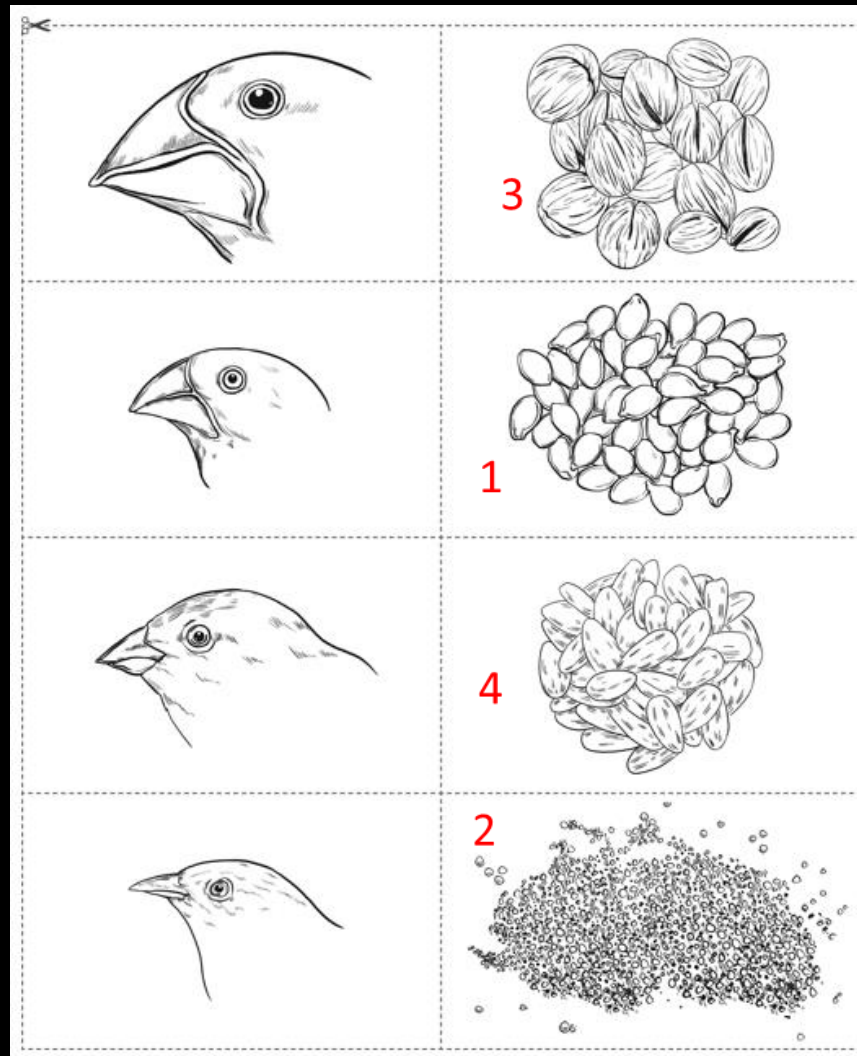
Charles Darwin's Evolution Theory developed from his study of Finches on Galapagos Island. Sort the cards, to match the beaks to the types of food.

You can match the numbers for beaks to that for their food.



Charles Darwin's Evolution Theory developed from his study of Finches on Galapagos Island. Sort the cards, to match the beaks to the types of food.

## ANSWERS



LO: To learn more about the work of Anning, Darwin and Wallace

In this lesson, you will research one of the three key evolution scientists (Anning, Darwin and Wallace) in detail.

- Mary Anning, Natural History Museum  
<http://web.archive.org/web/20150503022220/http://www.nhm.ac.uk/nature-online/science-of-natural-history/biographies/mary-anning/index.html>
- Charles Darwin, Natural History Museum  
<http://web.archive.org/web/20150421031759/http://www.nhm.ac.uk/nature-online/science-of-natural-history/biographies/charles-darwin/index.html>
- Alfred Russel Wallace, Natural History Museum  
<http://web.archive.org/web/20150425013333/http://www.nhm.ac.uk/nature-online/science-of-natural-history/biographies/wallace/index.html>

Choose one of the scientists and record your ideas using the template below.

Record your information in a factfile.

Alfred Russel Wallace	
Background and early life	
Specific area of interest	
Theories or finds of note	
Controversies	
Impact on modern scientific thinking	

- What was each scientist's theory on evolution?
- Who thought of the Theory of Evolution first?
- What processes have the three scientists used to develop their theories?
- What is a theory?

## Possible answers to the review questions

- Charles Darwin and Alfred Wallace worked out the theory of evolution separately.
- Although Darwin is best remembered today, credit should also be given to Wallace. He wrote to Darwin about his ideas and Darwin recognised them as being the same as the ideas he had been working on for nearly 20 years (so Darwin did think of it first, but didn't publish his work).
- A scientific paper by them both was published (which the scientific community was aware of) and the following year Darwin published his book which the general public also read.
- Processes used by scientists
  - Finding and using the fossil record;
  - observing living things and their environments;
  - looking for patterns in nature.

It is this scientific approach that has given rise and helped to support theories of evolution.

A theory is a logical idea based on the interpretation of scientific investigations, observations and evidence.