



? Not all tortoises look the same. What can you learn about a tortoise from looking at the shape of its shell?



Some Galapagos tortoises have **domed shells** like this



Some Galapagos tortoises have **saddleback shells** like this

An adaptation is a feature an animal has which helps it survive. If an animal has a greater chance of surviving then it has a greater chance of having more babies who are also likely to have the same adaptation.

? Not all the Galapagos Islands have the same habitat. What can you tell about the habitat of a tortoise by looking at the shape of its shell?



Some of the Galapagos Islands are **smaller and dryer**, where tall cacti plants grow.



Some of the Galapagos Islands are **larger and wetter**, where many plants grow close to the ground.

2. Which tortoise lives in each habitat? How do you know?

3. What predators did the marine iguanas have? Watch video

<http://www.viewpure.com/B3OjfK0t1XM?start=0&end=0>

4. Read information about Galapagos Islands and add some more facts to your map/mind map

<https://www.sciencekids.co.nz/sciencefacts/earth/galapagosislands.html>

5. Read the information about Finches – see resources.

Answer the questions and complete the Finches task.

EXT: Choose one of the other birds to research – discover why it is suited to its environment.

6.

We have seen how animals have adapted to live in the Galapagos Islands.

Have humans adapted to their environment? How?

How could our environment change in the future? What if we moved to a different environment - under the sea or on a different planet - how might we evolve and adapt? <http://www.viewpure.com/h1BQPV-iCkU?start=0&end=0>

What adaptations did you spot? Were they good or bad? Why?

Think creatively about what sort of environment a human might have to adapt to and what might happen. Draw a picture or diagram of what might happen and a picture or diagram of that person. Label.



