

On the Farm



How has farming changed over time?

Since the 1900's farming has changed dramatically with development of farming **machinery** such as tractors, combine harvesters and milking machines. Even the crops we farm today are different from those in the **past**. In the past people used hand tools and animals to help them plant and **harvest crops** which was really hard work. Machines have now been invented to make that work easier for **present** day farmers.

Our Big Question:

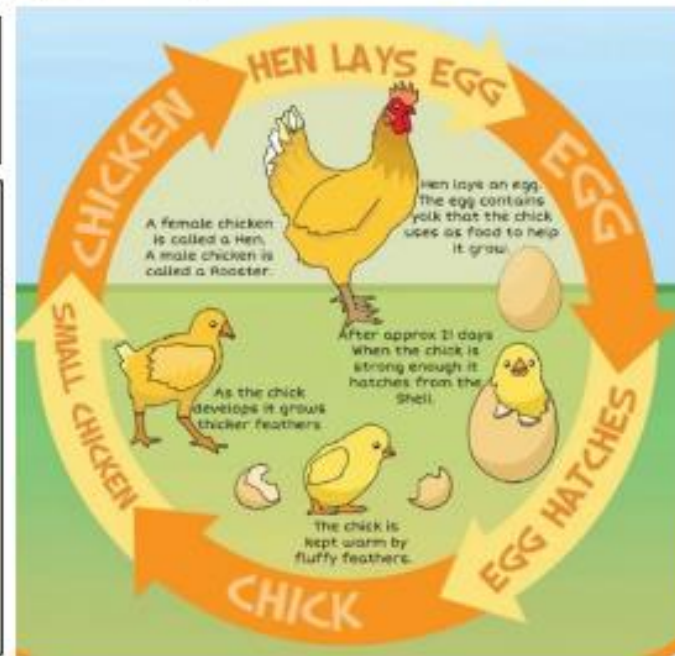
What do living things need to grow?

All living things need

- Air
- Water
- Food

to survive but did you know that plants make their own food?

To do this they use sunlight as **energy**, get their water from the rain and they get carbon dioxide from breathing.



The Life Cycle of a Chicken

Vegetables vs Fruit?

Fruit and vegetables both come from **plants** but the secret is they grow from different parts of the plant.

Fruit grows from the flowers of plants and contain **seeds**. Did you know that cucumber, tomatoes, peppers, avocados and even green beans are actually fruits?

Vegetables are any part of the plant that do **not** contain the seeds, such as roots, stems, leaves and even unopened flower buds.

Did you know that broccoli and cauliflower are just clusters of unopened flower buds?

Animal and their Young

Take a look at these **animals** and their **young**. What differences can you see between the babies and their **adult** parents?



Mammals vs Birds?

Mammals are warm-blooded vertebrates (have a back bone) with hair. Humans are mammals, as are cats, horses and elephants.

Birds lay eggs, have wings and a body covered with feathers. Even though all birds have wings, not all of them can fly such as an ostrich or penguin.