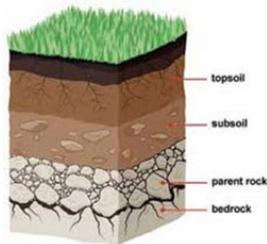


# Willow Tree Academy - Year 3- From Farm to Fork

## Key Knowledge

### Layers of soil



### Fossils

#### What is a fossil?

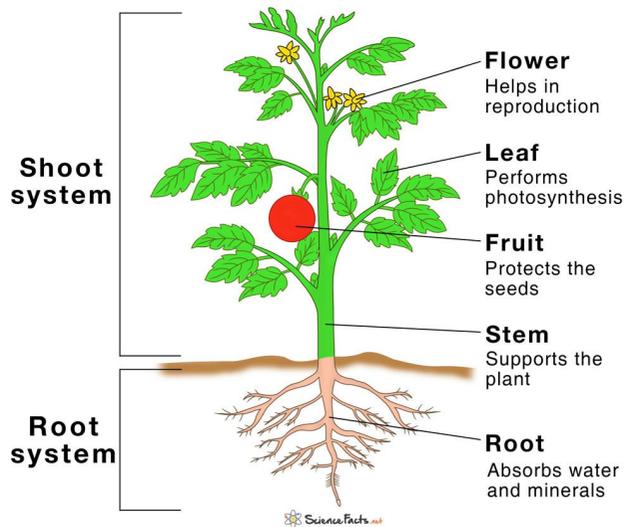
A fossil is the preserved remains or impressions of a living organism such as a plant, animal, or insect. Some fossils are very old. Studying fossils helps scientists to learn about the past history of life on Earth.

### Rocks

There are three main types of rocks that are formed through the rock cycle. These are **sedimentary**, **igneous**, and **metamorphic**.

**Examples of rocks.** Granite, chalk, limestone, sandstone, basalt, marble, pumice and slate.

## Parts of a Plant



## Types of farming

**Pastoral Farming** - is aimed at producing livestock, rather than growing crops. Examples include dairy farming, raising beef cattle, and raising sheep for wool.

**Arable Farming** - involves growing crops such as rapeseed, wheat and barley.

**Horticultural Farming** - growing garden crops, generally fruits and vegetables.



## Key Vocabulary

**Sedimentary**- A type of rock that is formed over many years of pressure.

**Igneous**- A type of Rock that is formed through extreme heat.

**Metamorphic**- A type of rock that is formed by being heated whilst being under immense pressure.

**Anthropic**- A type rock that is made, modified or moved by humans.

**Fossilisation**- The process of fossils forming.

**Pollination** - This is the process that allows plants to reproduce.

**Reproduction**- This is the process by which a living organism creates a likeness of itself.

**Germination**- The process by which seeds begin to grow into plants.

**Seed dispersal**- Is the movement, spread or transport of seeds away from the parent plant.

**Topographical**- Is a detailed map of the surface features of land. It includes the mountains, hills, creeks, and other bumps and lumps on a particular hunk of earth.

**Apiary**- An apiary is a location where beehives of honey bees are kept

## Other Key Information

**Seasons** - Different food needs planting at different times of the year.

**Rainfall** - Rain can impact on how well a crop will grow.

**Harvest time** - Food is harvested at different times of the year.

**Transport** - Food is transported all around the world by air, land and sea.

**Grown local** - Supporting local farmers and buying food that is in season.

**Balanced diet** - Consuming the correct amount of each food group to support the body's nutritional needs.

## Literacy

Character Descriptions  
Diary in role of a character (Wilbur/Fern)  
Explanation text - Journey of the carrot  
Poetry- Friendships  
Report -  
Newspaper - Charlotte's webs  
Comparison - Book to film



## Immersive Reading Text

*Charlotte's Web- E.B White*

## Maths

Place value  
Addition and subtraction  
Multiplication and division  
Statistics

We will also be working on learning our times tables up to 12x12

## Humanities

### Geography:

Human and Physical Geography  
Farming and land use.  
Map work  
Topography

### History:

History of farming

## Computing

E-Safety update  
Digital Literacy  
Computer science

## Music

Glockenspiel/Ukulele Lessons

## PE

-Football  
-Gymnastics

## Big Question - Where does food come from?



## Science

### Rocks and Soils

Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. Describe in simple terms how fossils are formed when things that have lived are trapped within rock. Recognise that soils are made from rocks and organic matter.

### Plants

Explain the parts of a plant, know the job of a leaf, and why plants make their own food, explain the cycle of flowering plants, explain the impact of seed dispersal and know what seeds need to grow.

## Art & Design

Observational drawing  
Weaving  
Printing  
Sewing

## DT

Healthy and varied diet

## PSHCE:

Feelings, friendships and family  
Healthy living

## P4C

Animal rights- testing products on animals.  
Do people have the right to roam?

## MFL (French)

Greetings  
Food

## RE

### Christianity

What makes Jesus inspirational for some people?