

Mary Anning

Why we are learning about Mary Anning

You are learning about Mary Anning because she became very famous at a very young age. She was an expert fossil hunter. At a time when most scientists studying fossils were older men, Mary took the world by surprise by the discoveries she made and how much she knew. It took quite a while for people to accept just how much she understood about fossils but eventually she became very well known across the country. She is a great example to young girls interested in science. Even though she was very young and from a poor family with little education, this exceptional woman showed just how much could be achieved in her short life and how much she could teach others.



Mary Anning was born in Lyme Regis

1799



Mary finds first complete Ichthyosaurus with her brother

1810

Mary's father dies

Mary goes fossil hunting with father



Plesiosaurus 'sea dragon' discovered by Mary

1823

Mary has to sell fossils to make money



Mary saves enough money to set up her own shop selling fossils

1826



Mary's dog Tray dies during fossil hunt

1833

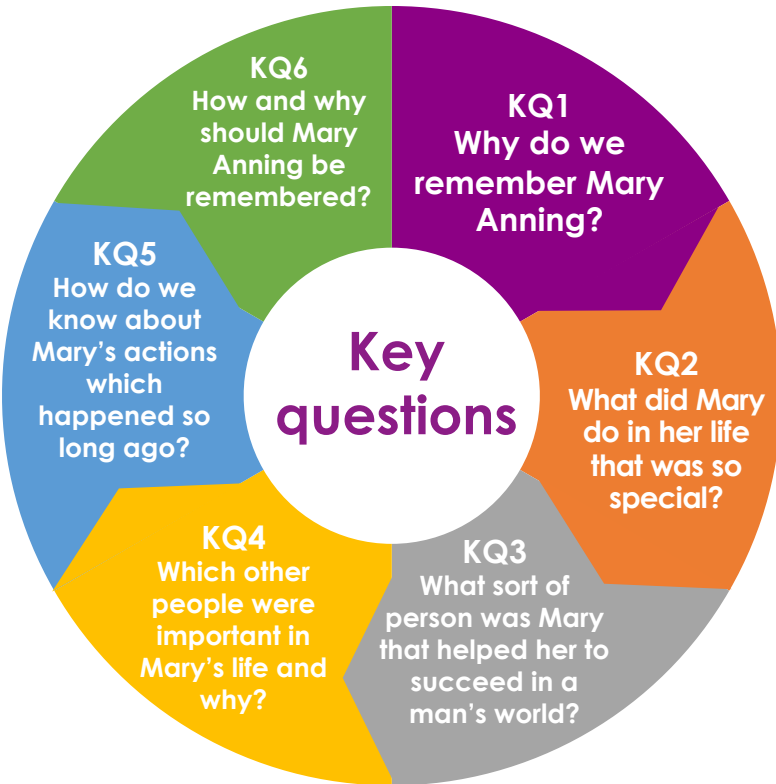
Mary runs out of money



Mary dies

1847

Mary Anning



Key vocabulary



Ammonites

A sea animal with a spiral shell that lived in the ocean millions of years ago. We still find their shells as fossils in rocks nowadays



Belemnites

A sea creature like a squid that can now be found fossilised in rocks



Fossil

The remains or shape of an animal or plant from long ago, found in rocks



Geology

The study of rocks, earth, and how the land changes over time, like mountains, volcanoes, and fossils.



Ichthyosaurus

A dolphin-like reptile that swam in the oceans when dinosaurs lived, with big eyes and sharp teeth



Palaeontologist

A scientist who studies fossils to learn about animals and plants that lived a very long time ago



Plesiosaurus

Long-necked sea reptile with flippers that swam in oceans when dinosaurs lived, eating fish and squid



Scientist

A person who learns about the world by asking questions, doing experiments, and discovering new things to help others.



Skeleton

Set of bones inside a body that gives shape and protects organs

Top takeaways

In this topic you will learn:

1. Mary's discoveries of fossils were some of the most important finds ever
2. At a very young age she became an expert in fossils at a time when most of the experts were much older men.
3. Many scientists at the time would not believe that such a young woman without special training could have such knowledge and skills. She was a world expert in fossil pool!!
4. Mary had to suffer from men taking credit for her work and was not even allowed to be a member of the Geological Society
5. Mary wasn't just a skilled fossil collector; she also had good understanding of science and knew the importance of her finds.
6. Mary helped other scientists to understand about the animals that existed on earth millions of years ago

Seaside

Why we are learning about going to the seaside

You are learning about this topic to help you to understand how different life was over the last 100 years. As many of you will have been to the seaside, we felt it would be easier for you to make comparisons between then and now, not just on the beach but getting there from home too, as motor cars steadily took over from trains for many people. As this was a time when photographs were taken for the first time, we have a lot of evidence for you to explore so that you can work a lot of for yourself. Many objects from that time also survive to give us a flavour of what people's everyday life was like. At the end we look at how seaside holidays have changed over the last 100 years or so, with the arrival of cheap air travel and holidays abroad in the sun. Your interviews with parents and grandparents will provide another useful piece of evidence here. Finally, the topic also links very well with your work in geography.



1750
People start going to the seaside for the pure clean air



1840
With the growth of the railways many more people can travel cheaply to the coast

1860
People are allowed short, paid holidays which they take at the seaside



1880
Seaside holidays are at their most popular

1950s
Package holidays start. People start flying abroad



2023
Traffic jams and queues at airport are more common



Key questions

KQ6
How have seaside holidays changed? What our grandparents tell us

KQ1
What was going to the seaside like 100 years ago?

KQ2
What did people do at the seaside 100 years ago?

KQ3
How do we know what holidays were like 100 years ago?

KQ4
Do we go on seaside holidays for the same reason people went 100 years ago?

KQ5
How have seaside holidays changed over time?



Bathing machine



Pier



Punch and judy



Penny lick

Key vocabulary

Bathing machine	Hut on wheels pulled from the beach into the sea by horses so that people were not seen getting into the water
Codd bottle	Glass bottle with marble in the neck as a stopper
Excursion	Trip
Package holiday	Organised holiday where price of flight food and place to sleep are included, usually abroad.
Penny lick	Glass for holding ice cream
Parasol	Type of umbrella used on sunny days to give shade. Over 100 years ago people didn't like suntans.
Pier	Long platform sticking out into the sea which people used to walk along or get to steamboats
Pollution	Gases, smoke and chemicals that make air, land and water dirty
Promenade	Wide path people used to stroll along next to the seafront for pleasure
Punch and Judy	Tent in which puppets performed short funny plays
Shore	Edge of the beach next to the sea
Stroll	To walk slowly in unhurried way

Top takeaways

In this topic you will learn:

1. People have been going on seaside holidays for over 200 years but they only became popular in Victorian times, over 100 year ago
2. This was because there were holidays for the first time and people could travel by the new invention of steam trains and railways.
3. People tended to dress in heavier dark clothes and keep the sun off their skins.
4. Many activities that children get involved in on the beach today are similar to those 100 years ago
5. Seaside holidays have changed quite a lot in terms of where people go nowadays (often abroad)and how we get there (often on cheap flights)
6. Some people preferred the simpler seaside holidays in the past because there were no traffic jams, fewer queues and less pollution.