

All about Lighthouses

What Is a Lighthouse?

- A building that gives out light.
- It helps to keep boats safe.

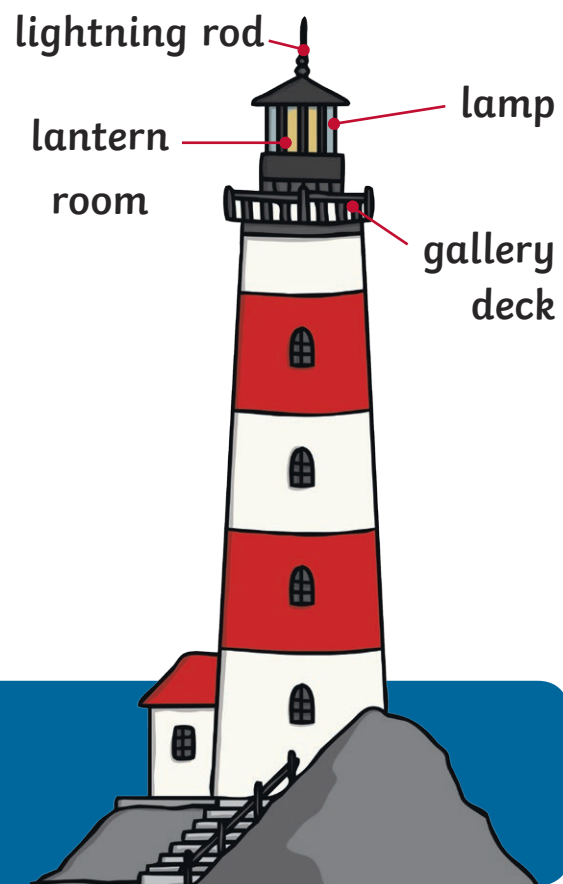


Interesting Fact

The oldest working lighthouse is in Spain.

History of Lighthouses?

- The first lighthouse was built in Egypt over 2000 years ago.
- The first British lighthouse was built in Devon.
- The light used to come from lamps burning oil or candles.
- They now use electricity.



A Lighthouse

There are over 100 lighthouses around the UK.

Photo courtesy of James Cull (@flickr.com) - granted under creative commons licence - attribution

All about Lighthouses

What is a Lighthouse?

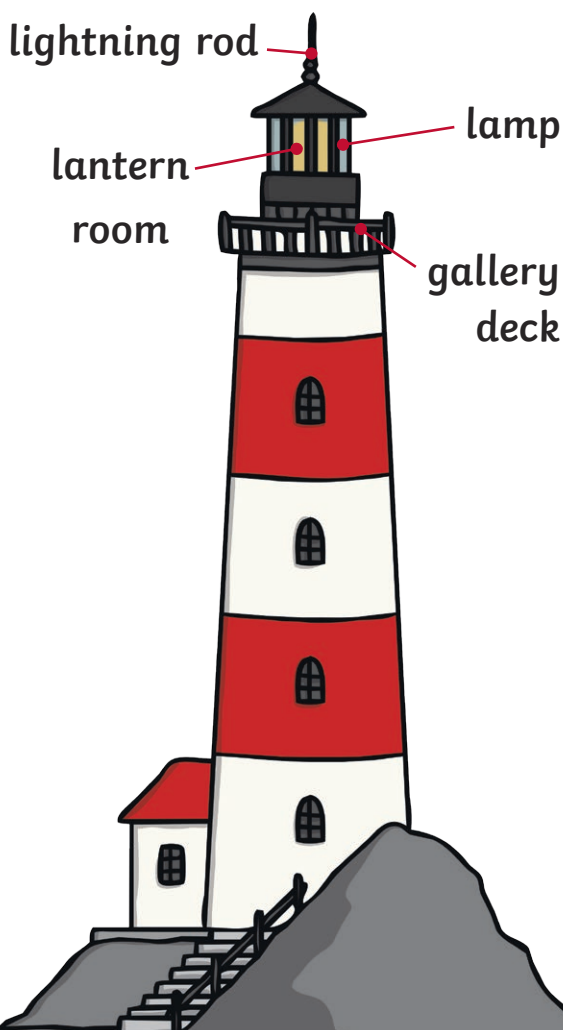
A lighthouse is a building that gives out light. It helps to keep boats and ships safe by warning them where land is.

History of Lighthouses?

Before the first lighthouse, boats were guided by fires on hilltops. The idea of a lighthouse came after these fires were raised upon platforms. The first lighthouse was built in Egypt over 2000 years ago and was called 'The lighthouse of Alexandria'.

In Britain, the first lighthouse was built in Devon because the Eddystone Rocks were a hazard for boats and ships.

The light seen from a lighthouse now comes from electricity rather than burning oil or candles.



Interesting Fact

It took 12 years to complete the lighthouse in Egypt.

A Lighthouse

There are over 100 lighthouses around the UK. Only some of these are still in use.

Lantern Room – A room with the lamp and lens in.

Lightning Rod – A copper rod which stops lightning causing too much damage.

Gallery Deck – A platform that circles the lighthouse just below the lantern room.

All about Lighthouses

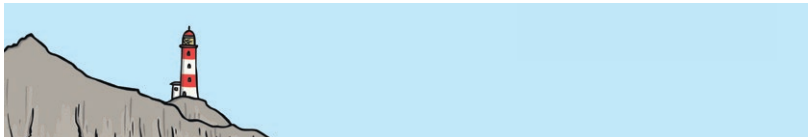
What Is a Lighthouse?

A lighthouse is a building or structure which projects light to warn ships and boats. They highlight coastlines and reefs and can also assist with navigation. They are usually found on cliffs, at the entrance to a harbour and in the water on a raised stand.

History of Lighthouses?

Lighthouses have changed somewhat since they were first invented. The first warning system used fires on top of hills, which warned sailors of land. By raising the fires on platforms, they were more easily seen and this led to the invention of the lighthouse.

Initially, lighthouses were there only to warn of harbours rather than rocks or reefs underwater. The first known lighthouse was next to the island of Pharos, next to Egypt. It was eventually destroyed by an earthquake.



In Britain, the first lighthouse was built at the time when stronger and more weatherproof lighthouses were being invented. The Eddystone Rocks were a shipwreck hazard for those sailing through the English Channel and the first lighthouse there was an octagonal wooden structure. It was the first tower to be exposed to open sea. It has been rebuilt three times.

Photo courtesy of Fæ (@flickr.com) - granted under creative commons licence - attribution



Interesting Fact

Some countries still call a lighthouse a 'Pharos'.

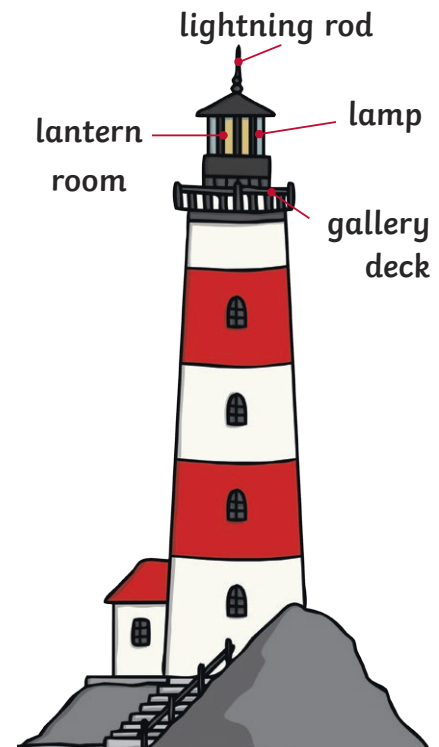
A Lighthouse

There are over 100 lighthouses around the UK. Only some of these are still in use due to the expensive upkeep they require. Other navigational systems have also been invented meaning there is less purpose for a lighthouse. However, many seafarers still see a lighthouse as a symbol of hope.

Lantern Room – A room at the top of the lighthouse housing a lamp and a lens. It has glass windows so the light can project out.

Lightning Rod – Lighthouses are often subjected to storms. A copper rod on the top of the structure aims to take the lightning straight to the ground, to avoid damage.

Gallery Deck – A platform that circles the lighthouse just below the lantern room. It allows the lighthouse keeper to clean the windows as well as enabling them to look out to sea.



Lamp – Where the light comes from. In the past, this may have been oil burning or a candle. Technological advances have provided electricity supplies to lighthouses.

Lighthouse Keeper – A lighthouse keeper was somebody who tended to the lighthouse, ensuring the light kept burning and the windows were cleaned. The last manned lighthouse in the UK was in 1998.