

Lighthouses

Purpose, component parts, architecture

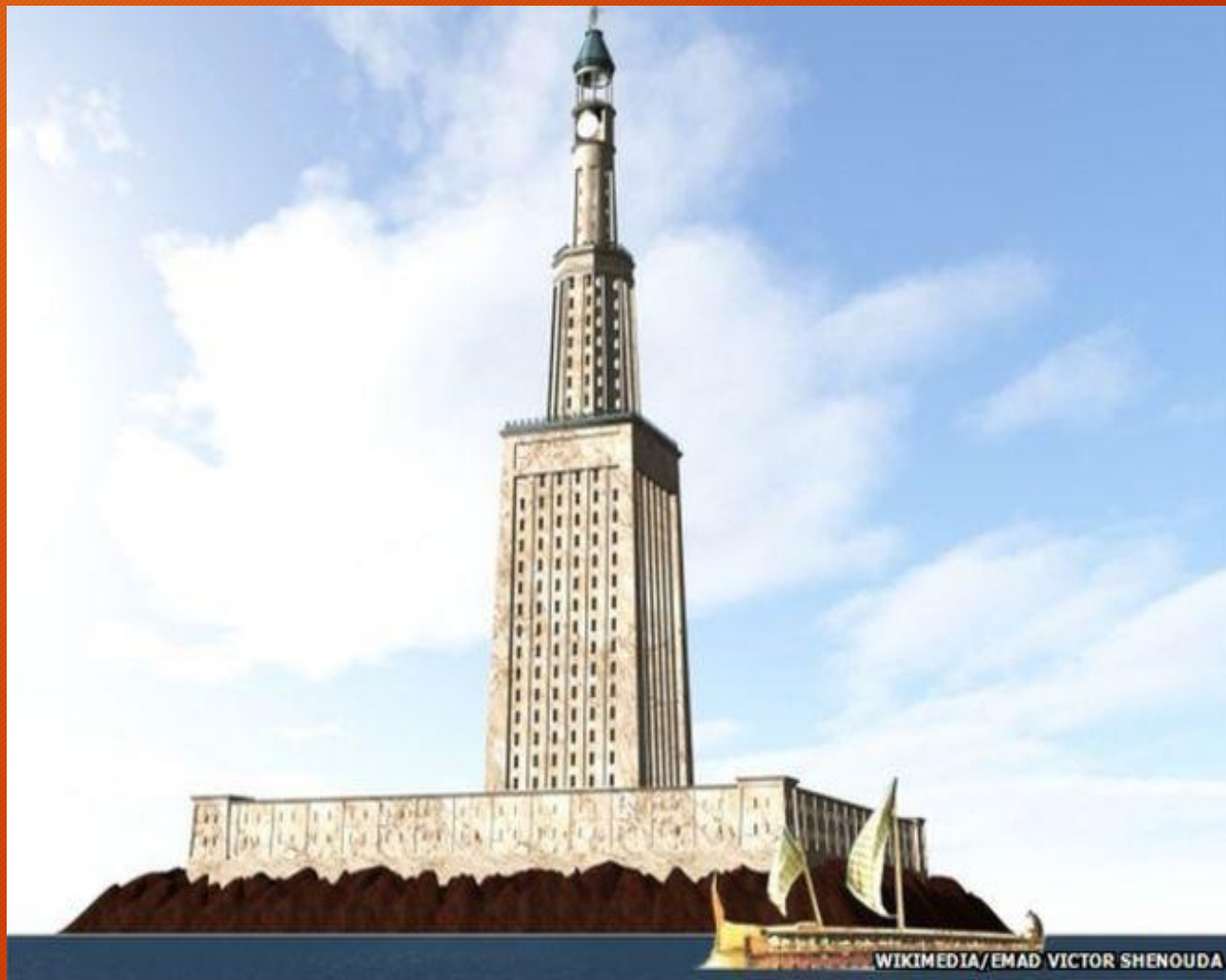
What is the purpose of a lighthouse?



Rattray Head Lighthouse, Aberdeenshire,
Scotland



Torre de Hercules, Galicia, Spain



Pharos of Alexandria, Egypt (an artist's impression)



Eilean Glas Lighthouse, Scalpay Island, Outer Hebrides, Scotland





Corsewall Lighthouse, Dumfries and Galloway, Scotland

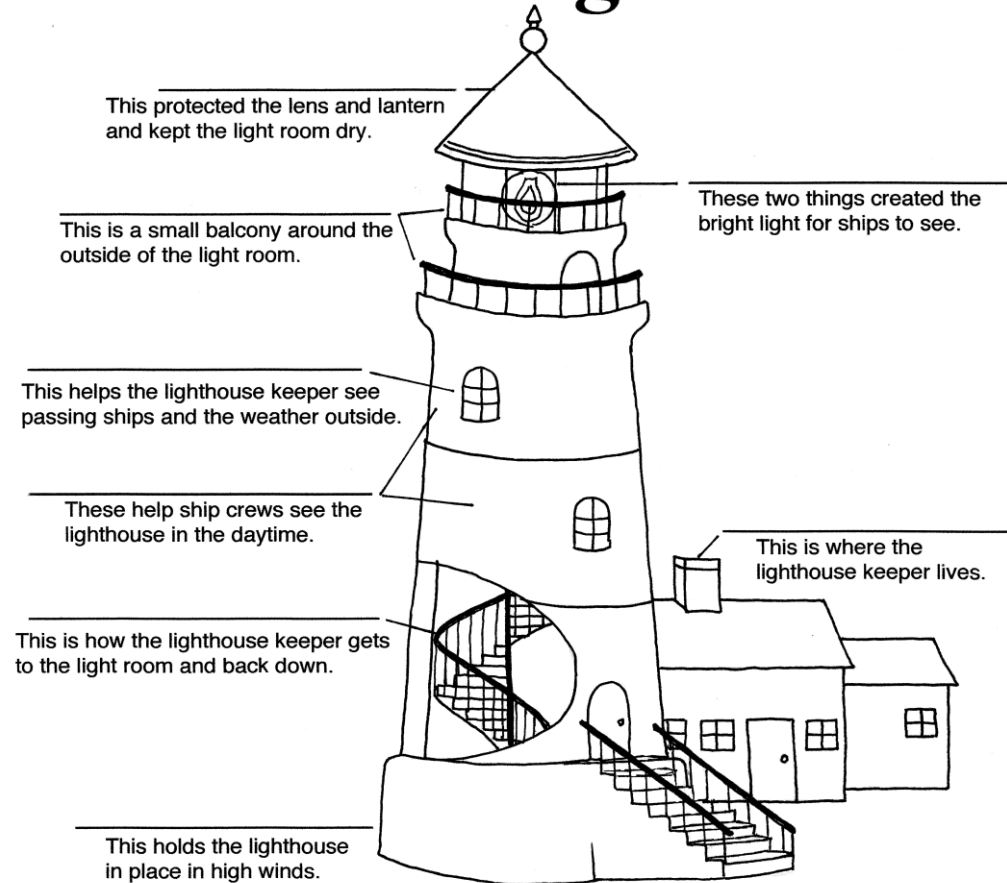
What are the component parts of a lighthouse?



Corsewall Lighthouse, Dumfries and Galloway, Scotland



Parts of a lighthouse



Word Bank

Catwalk

Lens and lantern

Stripes

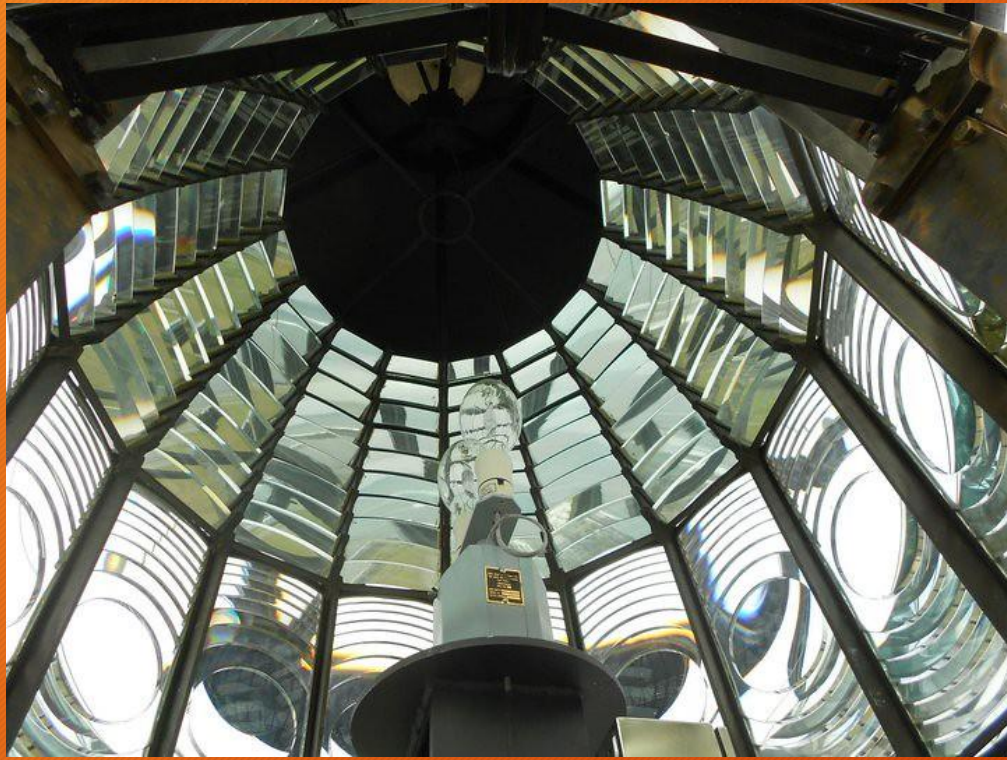
Window

Spiral staircase

Living quarters

Roof

Foundation



The interior of the lens/ lantern in North Ronaldsay Lighthouse, Orkney Isles, Scotland



Spiral staircase inside the Isle of May Lighthouse, Fife, Scotland

Different styles/ designs of lighthouses

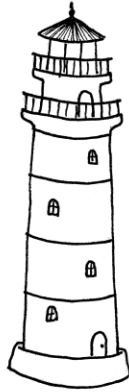


Battery Point Lighthouse,
California, USA



Skerryvore Lighthouse, Inner Hebrides, Scotland

Lighthouse styles

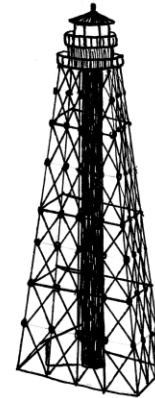


Tower Style

Tower style lighthouses are one long, round cone. They were made out of brick, stone, cut stone, granite, or wood. Tower lighthouses came in five different heights: 25, 30, 40, 50, or 65 feet. In 1842, the construction of these lighthouses was taken over by the Army Corps of Engineers. After that, some were built with cast iron and reinforced concrete.

Skeleton Style

Skeleton style lighthouses were first made of iron and then later out of steel. They were built to survive high winds. Skeleton lighthouses were often made in pieces in a factory and then taken to the shore to be put together. The tallest skeleton towers are Cape Charles and Hog Island--both are 191 feet!



Cape Cod Style

Cape Cod lighthouses are based on the Cape Cod style of architecture. This kind of lighthouse is like a house with a lighthouse tower coming out of the roof. Most were made from wood, cut stone, granite, or brick. These lighthouses were inexpensive to build and popular in California.

