



## LIGHTHOUSES AND THEIR SECRETS

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### LINK TO THE QUIZ:

[https://www.flippity.net/qs.php?k=1pe4BnNbbFMDvbm\\_MZyJm2kz7188UBkjaBVGdoXdhmmc](https://www.flippity.net/qs.php?k=1pe4BnNbbFMDvbm_MZyJm2kz7188UBkjaBVGdoXdhmmc)

### TASKS FOR EACH COLUMN OF THE QUIZ

#### **COLUMN 1: HISTORY AND IMPROVEMENTS**

Reading Comprehension: Read the text and answer the questions in column 1 of the Quiz.

#### **Beacons**

The first lighthouses were built long before the time of Christ. The earliest known reference to a lighthouse dates back to 1200 BC. This reference appeared in the Iliad, Homer's Greek epic poem. The first onshore beacons that were used to guide ships were bonfires. Eventually, bonfires were replaced with iron baskets filled with burning wood or coal and suspended on long poles.

It was not until the 18th century that these baskets were replaced by oil or gas lanterns. In the early to mid-20th century, electric beacons replaced oil and gas lanterns. One of the most important developments in the technology of lighthouse beacons was the invention of the Fresnel lens.

Every lighthouse emits a distinctive series of flashes known as its "characteristic." These flash sequences allow ship captains to time intervals between flashes so that they can identify lighthouses, using a publication called the Light List. <...>

Many lighthouses are equipped with a horn to help guide ships sailing in foggy weather. These foghorns, which make their sound by quickly releasing compressed air, can be heard for distances of up to 13 km (8 mi). <...>

Some lighthouses are also equipped with radio beacons that transmit Morse code radio signals. These radio signals, which are distinguished by short (dot) and long (dash) combinations, have a range of up to 320 km (200 mi). <...>

Adapted from <https://lighthousepreservation.org/facts/>

#### **COLUMN 2: LIGHTHOUSES IN THE WORLD**

Listening: Follow the link (<https://www.youtube.com/watch?v=aGczjP7btZU>), watch the video up to 1:51 and answer the questions in column 2 of the Quiz.

#### **COLUMN 3: LIGHTHOUSES IN LITHUANIA**

Information Literacy: Follow the link ([https://en.wikipedia.org/wiki/List\\_of\\_lighthouses\\_in\\_Lithuania](https://en.wikipedia.org/wiki/List_of_lighthouses_in_Lithuania)), look at the Table and answer the questions in column 3 of the Quiz.