

HOME AND SCHOOL

Do unto others
As Ye Would
That They
Should
Do unto
You

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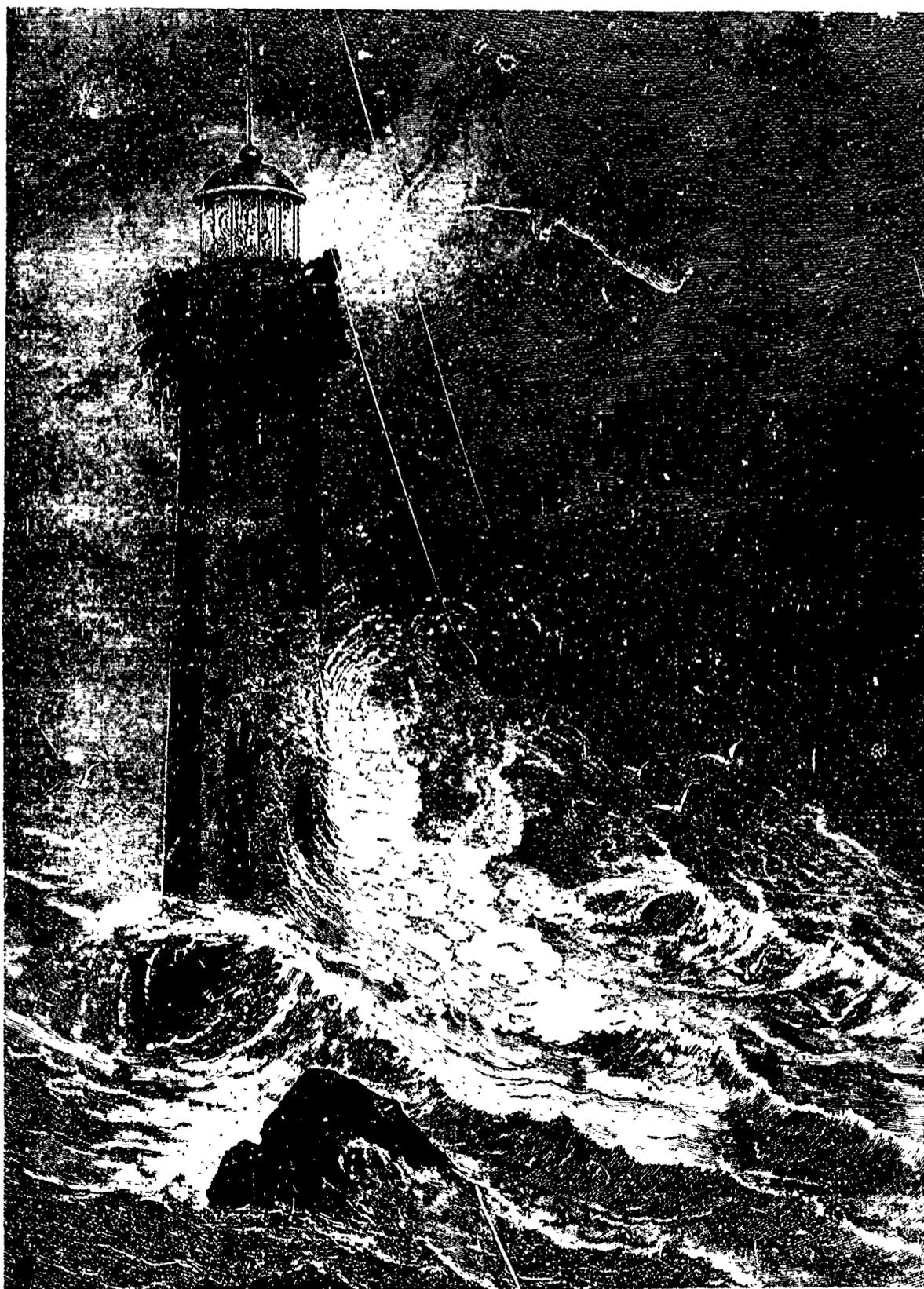
A Lighthouse.

When we tell the older readers that this is a lighthouse, they will understand; but the younger readers may ask, "Which is the lighthouse—the tower or the house in front?"

The tower. The house is the home of the men who take care of the light. Most lighthouses are so far from other homes that houses for the keepers must be built where their work is.

Along our coast and the larger rivers the Government has built these lighthouses in places of danger, to warn sailors and direct them to the safe channels. These lights are not always on towers. Some are mere lamps fixed on the top of a frame, others are large lamps on the top of a small house; still others, large lamps in a cupola above the house of the keeper.

The most important lighthouses are towers built more or less like the one in the cut. These are of stone or brick, though lately some have been built of iron, and are made very strong, to stand the severest storms, and to last a great while. These towers are shaped like the trunk of a tree, large at the bottom and tapering to the top. While the walls are thick, there is a large space inside; this is



THE LIGHTHOUSE.

mostly taken by the winding stairway, reaching from the ground to the top. Along this stairway are windows, to admit air and light. To climb some of the tallest towers is a tedious job, yet the view from the top is usually worth all and more than the effort to reach it.

The lamp in the top story is the most important part of the lighthouse. Though it is not such a wonderful lamp, yet it has one great excellency—it does the work intended for it, and does it well. Standing in the middle of a room, surrounded on all sides by glass windows, it sends its light all around, but neither up nor down. The lamp is surrounded by glass lenses so made and placed that the rays of light which would go upward or downward are turned to shine out over the water where the sailors can see them. In this way a lamp, that would send its light but a short distance, is made to send its rays several miles away before becoming lost in the darkness. These lenses are something like a wise rule for a lively school-boy—the rule keeps the boy at work in the right way, and the lenses make the rays of light that would like to be running away go out on