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## Lighthouses, Advanced

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- 1. Have the Lighthouses Honor
- 2. Make a scrapbook including the following:
  - a. Pictures, post cards or drawings of twenty-five lighthouses. Label should include a brief description of: location, year built, active / non-active status, and order of the lens.
  - b. Write up a short history of the above lighthouses.
  - c. Include drawings/pictures and answers to all the requirements for this honor in your scrapbook.
- 3. List the development of a Fresnel lens, including: Name of the gentleman that invented it, country that he came from, year developed.

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- 4. Draw a Fresnel lens: Show how prisms are used to concentrate light, draw a bull's eye lens and state its purpose.

- 5. Make a chart showing each class of Fresnel lens:
  - a. Define order and list by size
  - b. Name at least one lighthouse using each order
- 6. Research and describe the history of the mechanism for rotating lights.

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- 7. Make a chart of six lighthouses showing nighttime (light) and daytime (day mark) signature.
- 8. What is a lightship? Why and where are lightships needed?

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- 9. Read about lighthouse keepers and list some of the hazards they faced in completing their duties.

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- 10. Study quotes by Ellen White mentioning lighthouses and discuss the meaning. Place a copy of the quotes in your scrapbook.
- 11. Obtain a “Lighthouse Passport” and have it stamped at 10 different lighthouse locations.
- 12. Build a lighthouse modeled after a real lighthouse using a lighthouse kit, wood, or other medium. Know the name, location, and date when the actual lighthouse was originally built.

Make a chart of six lighthouses showing nighttime (light) and daytime (day mark) signature

	Night Time	Daytime
Lighthouse 1		
Lighthouse 2		
Lighthouse 3		
Lighthouse 4		
Lighthouse 5		
Lighthouse 6		