

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

# *A Book for Columbus*



*The goal of this project is to create a book that could help Christopher Columbus sail across the Atlantic. You will need to combine your knowledge of moon phases, tides, eclipses, etc. The final product should be packaged in a book or scroll that could be taken on Columbus's journey. It is due at the beginning of class on Friday. You will also be allowed to use your book on part of Friday's quiz as well as part of the Unit 4 Test.*

**Goal:** Create a book or scroll that would help Columbus on a journey across the Atlantic.

## **Requirements:**

1. Include a **graph of the water depth** (tides) that Columbus would find at his potential landing spot (Brant Rock).
2. Include a **lunar calendar** that Columbus could use to predict the expected moon phase on upcoming dates.
3. Include a **Sun, Earth, Moon Diagram** that explains possible eclipses, predicts spring and neap tides, and shows the moon phases relative to the positions of the Sun/Earth/Moon.
4. Include a "**Notes for Columbus**" page that answers some questions that may have intrigued Columbus.

## **Extra-Credit Suggestions:**

1. When you finish the components decorate your book to make it look old.
2. Bind your book together (by hole-punching and tying it with string) or tape your pages into a long scroll that can be rolled up. Add a cover as well.
3. Add some pages that Columbus may have found useful (old maps, star charts, etc.)