

## Galveston Island Elementary Lesson Plan

### Objectives

- Explain how waves are formed
- Illustrate the differences in waves formed directly from the Gulf and from the protected area inside the Barrier Islands

### Procedures

- **Use** the wave activity, located under the activities tab, to demonstrate how waves are formed. **Check-for-understanding** by asking the students to explain wave formation in their own words.
- **Ask** the students why the sizes of waves are different on the Gulf side of the island and on the land side of the island.
  - You may need to introduce barrier islands and where they are found on the Texas coast. This information is located under the What and Why tab.
- Have the students make an illustrated cartoon model showing the waves from the land side of the island and the Gulf side of the island. The students can make the illustrated cartoons as a group or individually.

### Grading Rubric for Wave Cartoons

4	3	2	1
The illustrations are complete, neat and understandable. There is a caption for each illustration using complete sentences – for grades over K.	The illustrations are complete. There is a caption for each illustration.	The illustrations are almost complete. Some of the illustrations have captions.	The illustrations are not complete – may be off topic. There may or may not be any captions.
A (90-100)	B (80-89)	C/D (70-79)	F (below 70)