# Oceans of Possibilities Summer Reading Trivia

Win a chance to win an18 oz. Yeti Rambler Insulated Water Bottle

* Must be a Maryland LBPD patron to participate or registered in the summer reading program.
* Complete the questions below and be entered into a drawing to win a free 18 oz. Yeti Rambler.
* Send your responses to kidsdesk.lbpd@maryland.gov
* Be sure to include your name within the email.
* Responses must be received by 11:59 p.m. on July 29th.

# Questions:

1. Why does the moon have a bigger effect on Earth’s tides than the Sun?

Answer:

2. What is caused by the wind blowing over the surface of the water?

Answer:

3. A long, high sea wave caused by an earthquake, submarine landslide, or other disturbance is called what?

Answer:

4. Tides are caused because the moon’s gravity is pulling the water (up or down), while the earth’s gravity is pulling the water (up or down).

Answer:

5. Where do jet streams form?

Answer:

6. What is a strong, offshore current that is caused by the tide pulling water through an inlet along a barrier beach, at a lagoon or inland marina where tide water flows steadily out to sea during ebb tide?

Answer:

7. What happens when a plane flies in the same direction as a jet stream?

Answer:

8. If you live in the United States, you are most affected by the \_\_\_\_\_\_\_\_\_\_\_ jet stream because it flows across most of the land.

Answer:

9. At 188 decimals, the call of what animal is the loudest sound made by any animal on the planet.

Answer:

10. How many hearts does an octopus have?

Answer: