Directions for Tides and the Moon Foldable

Make a four door horizontal foldable with space for a title at the bottom. Label as shown in the model below. Use colored pencils and/or Flair pens to prevent ink from bleeding through the paper. (Labels: 5 pts.)

|  |  |  |  |
| --- | --- | --- | --- |
| High Tide | Low Tide | Spring Tide | Neap Tide |
| Tides and the Moon | | | |

On the front of each door, make a diagram of the tide named. Pgs. 529-530 have diagrams that may help you. Be sure to label **all** parts of the diagram. Color oceans blue, the Earth blue and green and the sun yellow. (Diagrams: 5 pts. each)

**Use pencil for the inside of your foldable.**

Write each of the following facts under the proper door. List the facts as bullet points. Some facts need to be written in more than one location. (1 pt. each)

* Lower than normal high tides and higher than normal low tides.
* Occurs twice a day in most locations.
* Occurs twice a month.
* Occurs during the first and last quarter phases of the moon.
* Occurs during the full and new moon phases of the moon.
* Highest high tides and lowest low tides are formed.
* Forms on sides of Earth facing toward and away from the moon.
* Forms on sides of Earth at right angles to the moon.
* The sun, Earth and moon form a right angle.
* The sun, Earth and moon form a straight line.

Finally, write your name in large print on the back of your foldable.

Congratulations! You are finished! ☺ (5pts. for neatness/name)