

**Lösung****Arbeitsblatt 2 Scotland**

As the moon travels around the earth it attracts the sea and pulls it upwards so that the sea level is always changing. This is because the gravity of the moon pulls the sea a little bit more than the earth. This makes the water bulge in the direction of the moon. There is another bulge on the opposite side as the earth is pulled toward the moon at the same time. In the bulge the water levels rise, and this is called high tide. It takes about 12 hours and 25 minutes between the two high tides. Low tides happen between each high tide.