

FORM 4 GEOGRAPHY NOTE 7

OCEAN MOVEMENTS

3 TYPES OF OCEAN MOVEMENTS

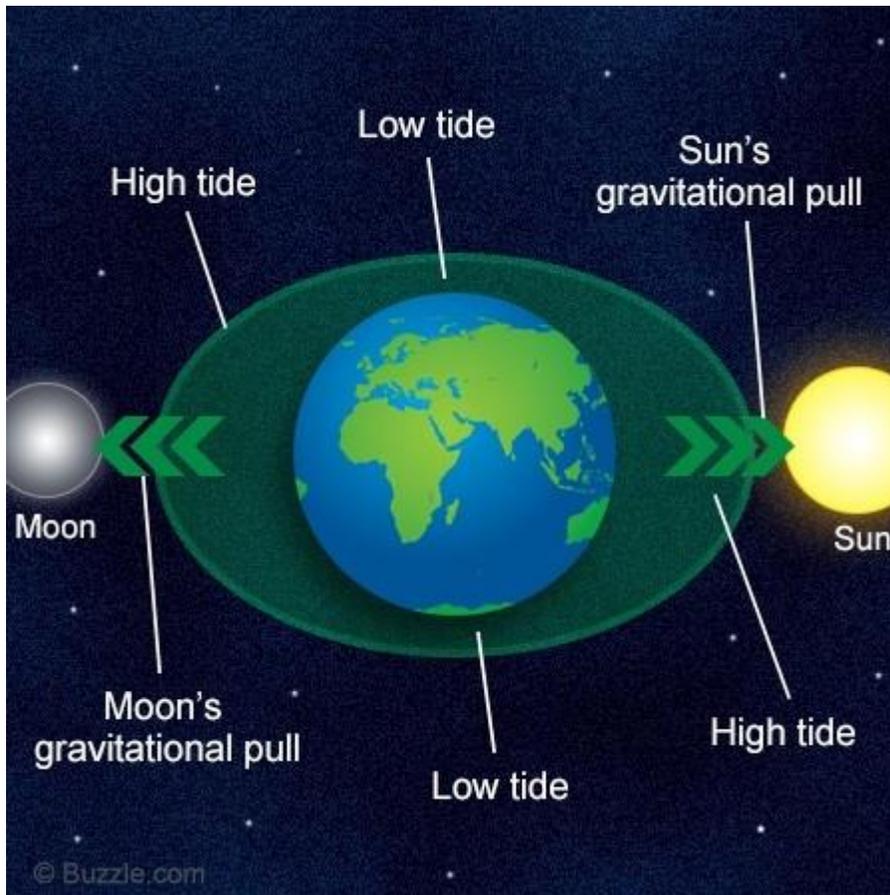
1. Tides
2. Waves
3. Currents

1. TIDES

Tides are the regular rising and falling of sea levels all over the world each day.

2 types of tides

1. High tide
2. Low tide



Causes of tides

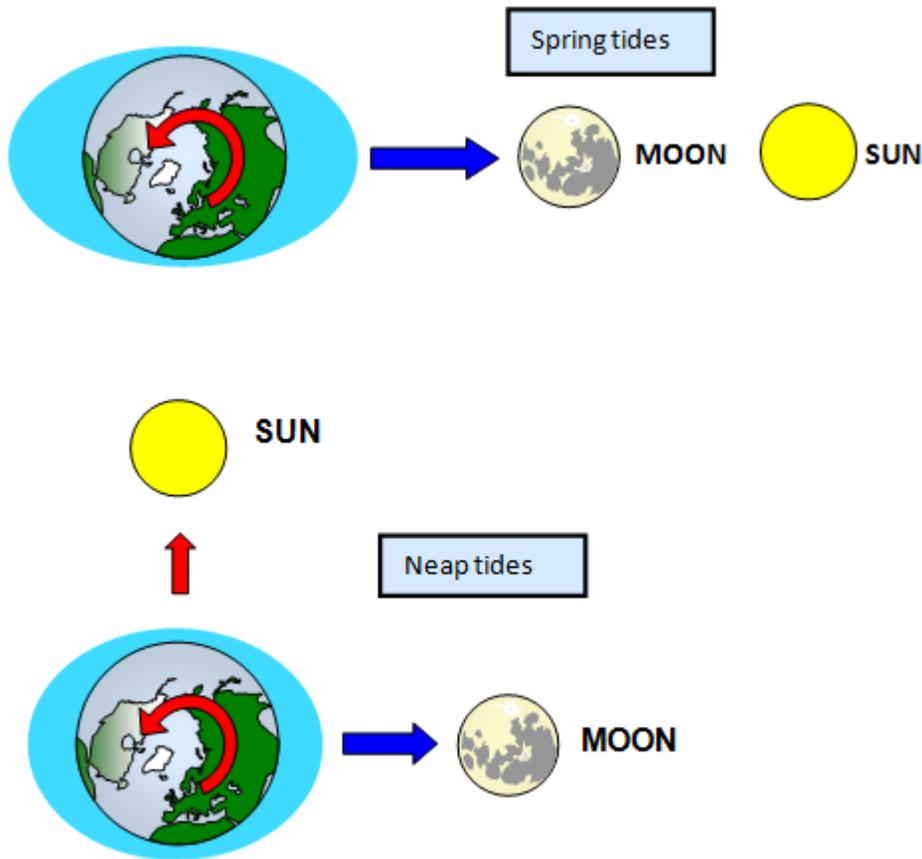
- Both the Sun and the Moon pull on Earth's water with a natural force called gravity.
- Rotation of the earth.

Spring tides

- The highest tides / very high tides
- Are formed when the earth, sun and moon are lined up in a row.
- This happens every two weeks during a new moon or full moon.

Neap tides

- Smaller tides / very low tides
- Are formed when the earth, sun and moon form a right angle.
- The sun and moon pull the water in two different directions.
- It happens when the earth, sun and moon form a right angle.



ACTIVITY 1: Attempt the question that are provided below.

1. Name the 3 different kind of movements in the ocean.
2. Identify the 2 types of tide.
3. Discuss what a neap tide is and how it forms. You can use diagrams to explain.
4. Discuss what a spring tide is and how it forms. You can use diagrams to explain.