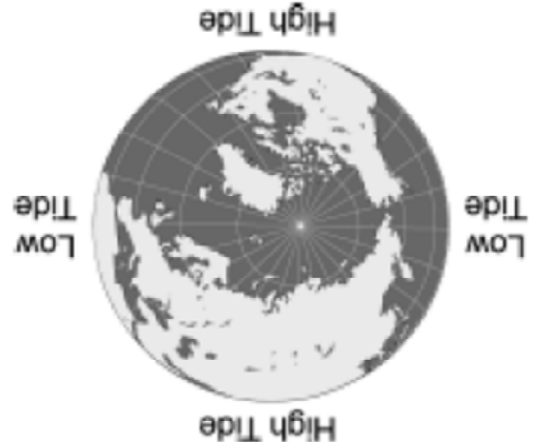


Which of the following is the main cause of the gravitational force that results in high and low tides?

- A. the Sun
- *B. the Moon
- C. the core of Earth
- D. the North Pole and South Pole



Gravitational forces that exert a "pull" on the waters of Earth cause ocean tides. Along most seashores, there are two high tides and two low tides every 24 hours.

Sample MC Item

FCAT SCIENCE

PLANNING CARDS Grade 8

BENCHMARK SC.C.2.3.7.

Item Type(s)	MC
Benchmark Clarification	The student identifies the attraction that exists between all objects due to gravity.
Content Limits	Items will NOT require calculations of gravitational forces.
Stimulus Attributes	Items may provide the student with data on gravitational force in chart or diagram form.
Response Attributes	None specified.