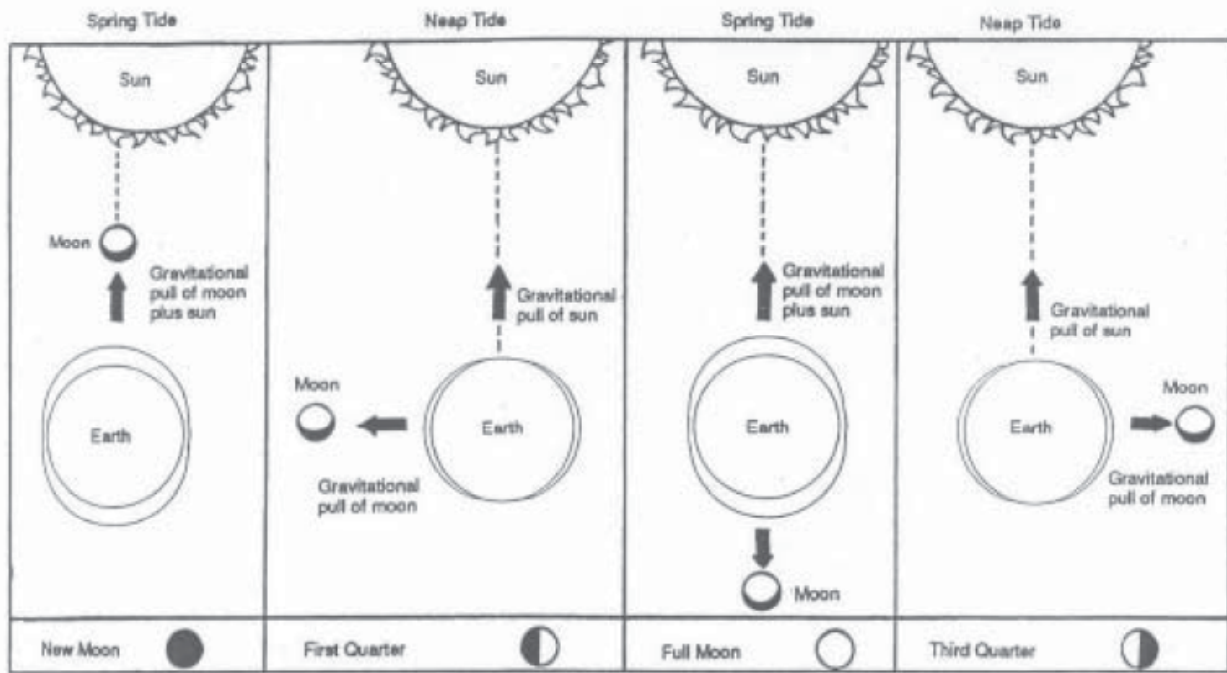


## Tides and the Moon

After constructing your marigram, answer the following questions:

The moon is a primary influence on the tides and a tidal cycle lasts a lunar month of 29.5 days. Within this time period, there will be two sets of **spring tides** at new moon and full moon and two sets of **neap tides** at the first and last quarter of the moon. Look at the diagram below and write an explanation about why spring tides are the highest tides and lowest tides during the month. Label the spring and neap tides in your marigram.



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