# THE MOON AND TIDES



# WHAT IS GRAVITY?



### The Earth has a centre of gravity



#### The moon also has gravity.

#### The moon has a stronger pull

This causes the centre of gravity to shift.

Causing both sides of the Earth's water to bulge.

#### This is called Tidal Force

#### Low Tide

#### High Tide

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Low Tide

#### High Tide

## High Tide

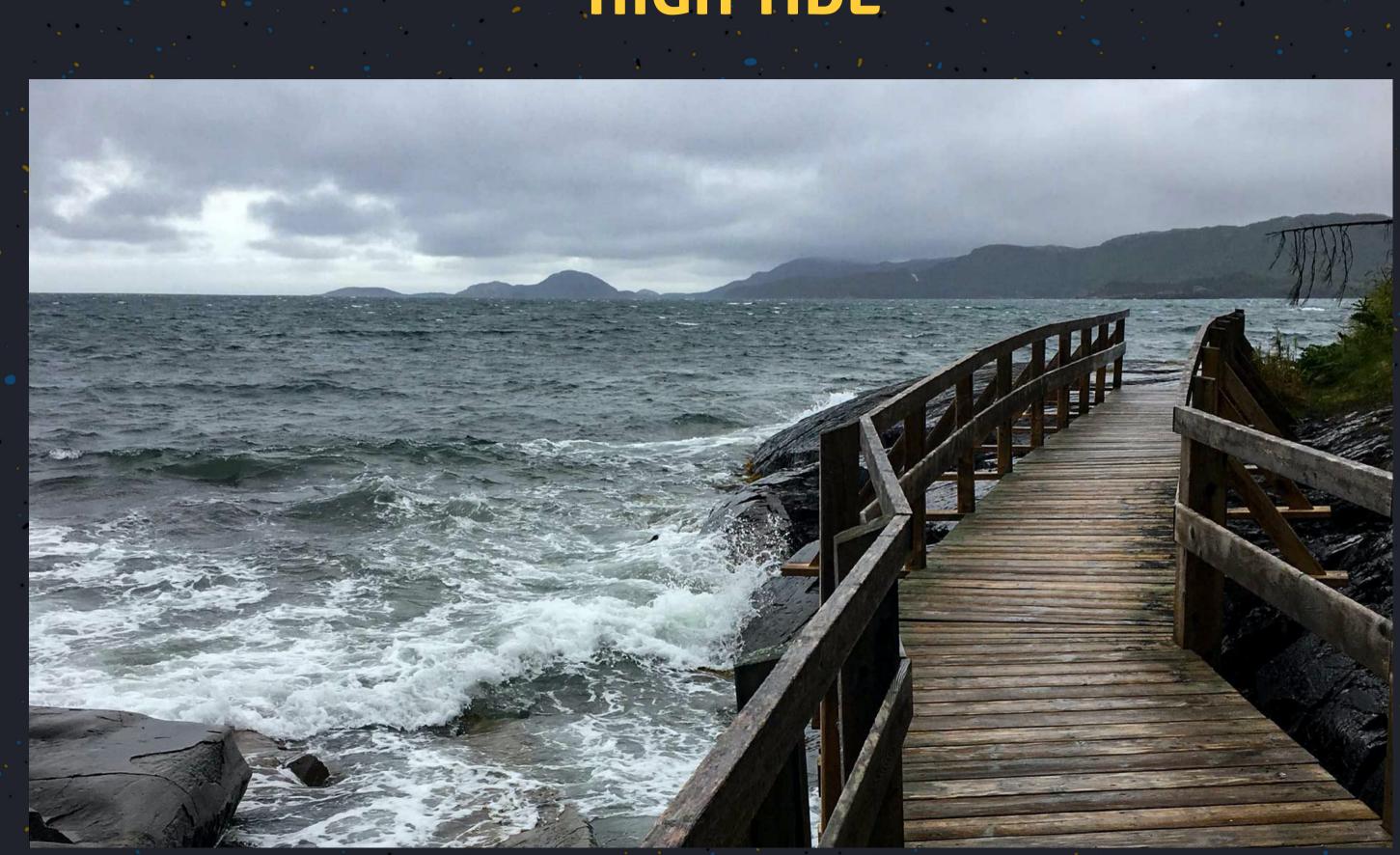
#### Low Tide

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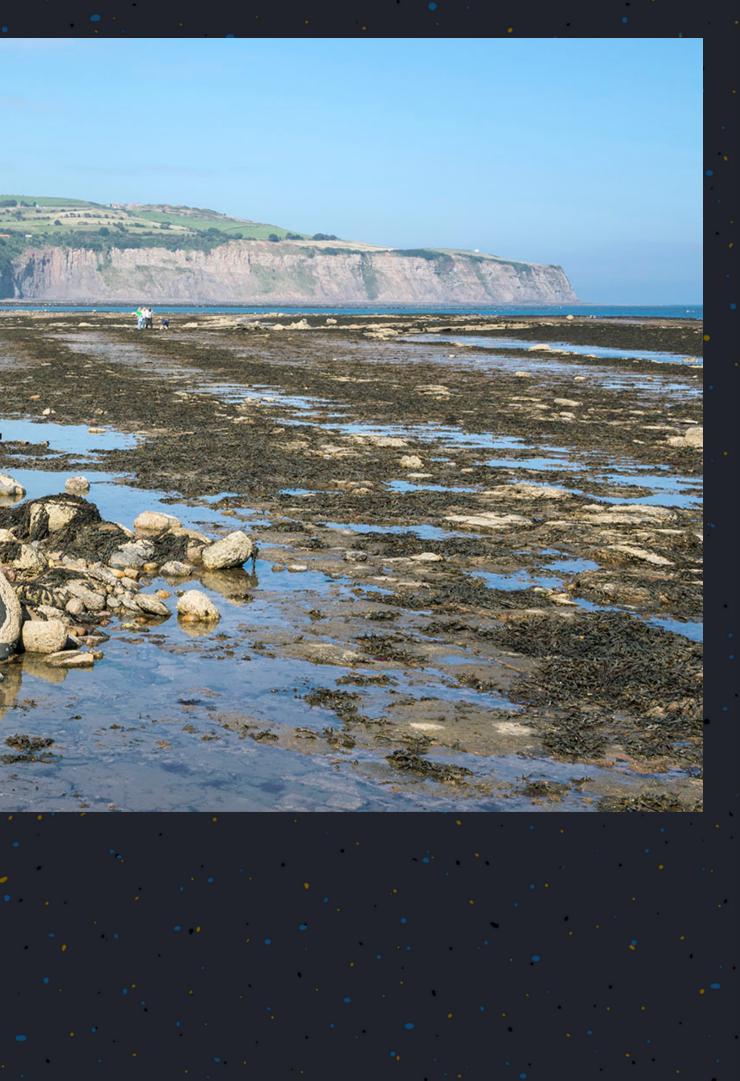
#### Low Tide

# HIGH TIDE



# LOW TIDE





### TIME

