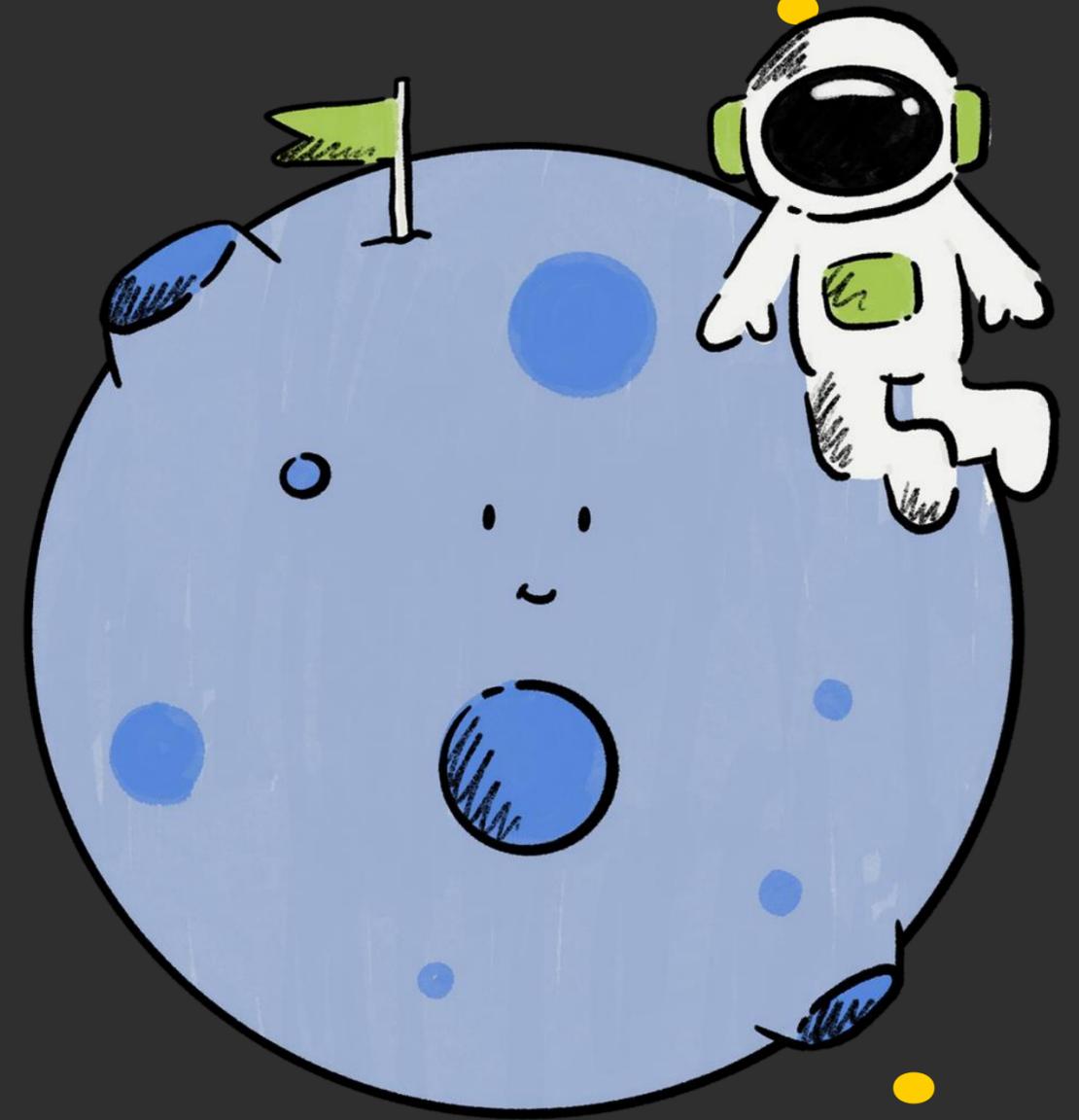


Beliefs and Practices Associated with the Moon

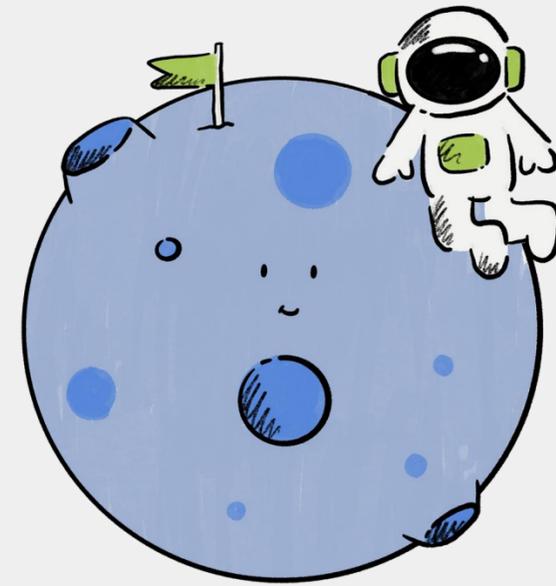




Have you heard about superstitions about the moon? Superstitions are beliefs based on opinions, observation, and experiences but have no scientific explanation. Even in this modern age, some people still believe in superstitions.

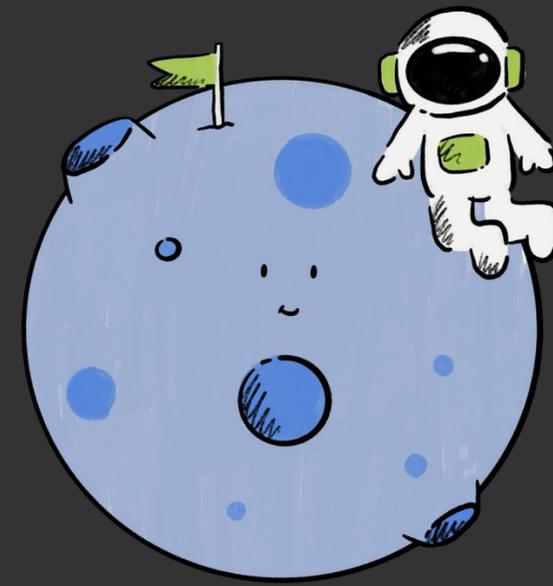


While some beliefs about the moon have no scientific basis, there are also beliefs that can be explained by science.



Superstitious Beliefs

Phases of the moon are often associated with superstitious beliefs because they have impact on Earth and, in turn, affect our lives.



Superstitious Beliefs

Moon and Planting

Will there be any difference if a farmer plant his crop during a full moon or a new moon. Many farmers believe that planting when the new moon is in specific phases may bring good harvest. It is because the growth rate of the plants can be affected by them.

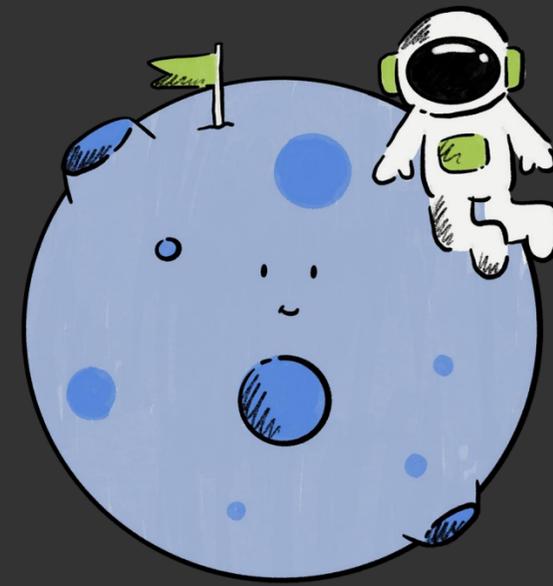
The different phases of the moon influence the groundwater beneath the Earth and affect the movement of fluids within plants. During the waxing phases of the moon—from new moon to full moon, the moisture of the soil is at a higher level. This may bring germination and growth to plants, that is why many farmers opt to sow the seeds of their crops during this time.

Superstitious Beliefs

Moon and Weather

When the Sun, Moon, and Earth line up and the Moon is at its perigee (closest to the earth), you can expect lower temperature, this is due to the combined gravitational pull of the moon and the sun. The moon does affect weather but not significantly.

It affects the atmosphere the same way it affects the ocean. When the phase of the moon is full moon or new moon, it causes a “bulge” in an ocean; a similar thing happens with the atmosphere; it attracts the atmosphere to itself.

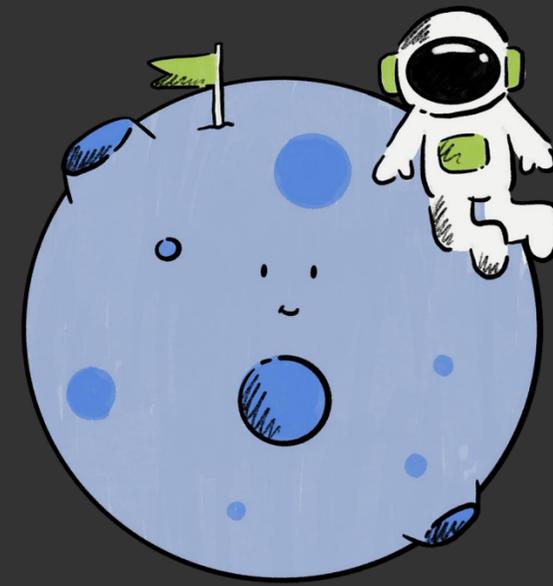


Tides

Gravitational forces exist between the moon and Earth to hold each other in their respective positions. These gravitational forces can affect Earth's tide.

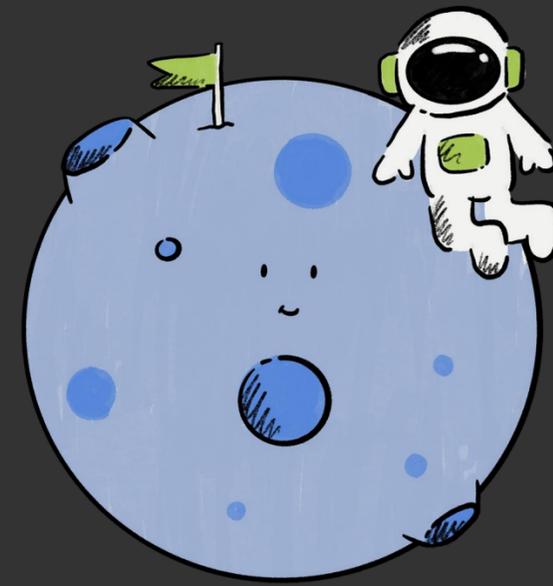
Tides are the rising and falling of sea levels with respect to land. Imagine the moon as a magnet and Earth is a huge metal. When one side of the earth is close to the moon, the side of the earth will be pulled towards the moon, causing it bulge. Since the earth is covered with 75% of water, this bulging side causes the ocean level to rise.

The rising of ocean level is known as **high tide**. On the other hand, the other side experiences low water level since the water is concentrated on the other side. This is known as **low tide**.



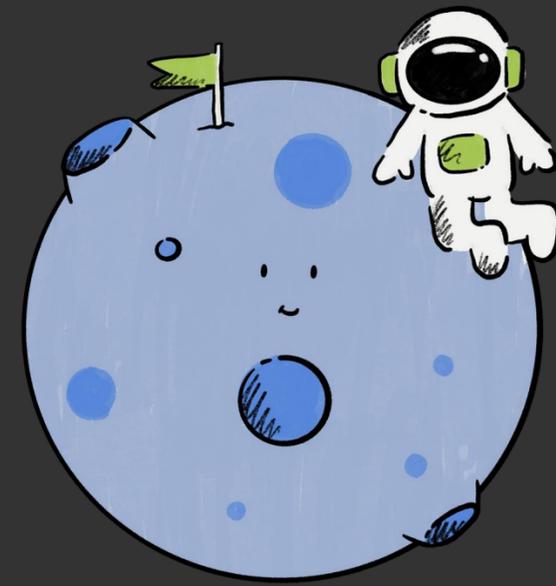
The science behind

During the ancient times, people believed that the moon has the big influence in their lives. They used the moon as their guide. The moon tells them when to plant and when to harvest. The moon also give the moon also gives them the signs about the weather;

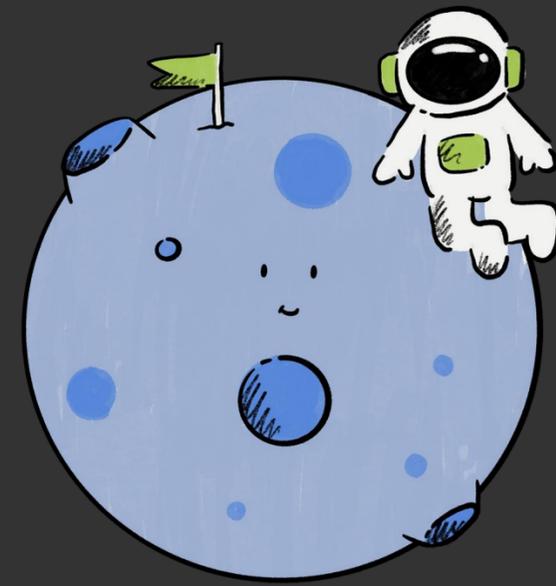


The science behind

A lot of superstitious beliefs and practices are done by people long time ago. These beliefs and practices were passed on from generation to generation. Now in modern times,



some of these beliefs and practices are still part of the life of some people. But because of man's continuous search for evidence, what used to be a mere belief yesterday can have a scientific explanation today.





What are Some Characteristics
and Patterns of Stars?





During ancient times, people used star as their point of reference when traveling. This is because stars appears to be fixed in position. At present, stars play an important role in the field of astronomy. They are used as a guide in determining the distance of the planet and the location of a heavenly body.





Stars differ in their sizes, colors and temperature, distance from Earth, and brightness. Some of these stars seem to form patterns in the sky.



END

