

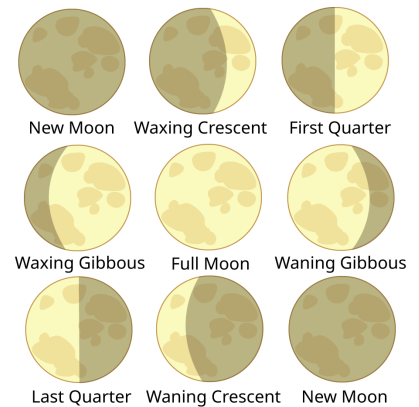
Lunar Phases!

Learn about the phases of the Moon

Create a model of the eight phases of the Moon and learn their names.

Step by Step

1. Build the [VEX GO Clock](#). Use the [Clock Face printout](#) as a pattern to create a blank circle at the correct size. Do not attach the circle to the build until you have completed the steps below.
2. The phases of the Moon are the different ways the Moon looks from Earth over a month. As the Moon orbits around the Earth, the different areas of the lit portion of the Moon, that can be seen from Earth, are known as phases of the Moon.
3. Use the chart to the right to draw the moon phases on the blank circle and label them. The Pink Gear in the center of the paper will represent the Earth. Attach the completed design to your build, like in the picture above.
4. Turn the clock hands to point to different phases of the Moon, and practice matching the picture to the name of the phase.



'LEVEL UP'

- **Look It Up!** - Research to see the lunar phases for the upcoming month. Add that information to your drawing, and look at the night sky on those nights.
- **Flipbook!** - Use eight small pieces of paper with a phase of the Moon drawn in the same place on each page. Flip the book to watch the Moon change phases instantly.

Pro Tips

Attaching the Paper

- Before attaching the paper circle with your drawing to the build, adjust the circle to make sure the pins will not go through any pictures of the Moon that you drew.

Standard: ISTE (4) Knowledge Constructor - 4a: Students know and use a deliberate design process for generating ideas, testing theories, creating innovative artifacts or solving authentic problems.