

# Galaxy in a Jar

LEARN ABOUT SPACE

## MATERIALS

- Jar with a lid
- Water
- Glitter
- Paint
- Cotton Balls



## INSTRUCTIONS

1. Fill your 1/3 of your jar with water.
2. Add several drops of 1 color of paint. Put the lid on your jar, and shake to mix paint and water.
3. Add a bit of glitter as the twinkly stars in your galaxy.
4. Stretch some cotton balls so that they are larger and fluffier, then add them to your jar. You may need to use a utensil like a spoon to push them down. Add cotton balls until they reach the water line.
5. Repeat steps 1-4 two more times with different paint colors.



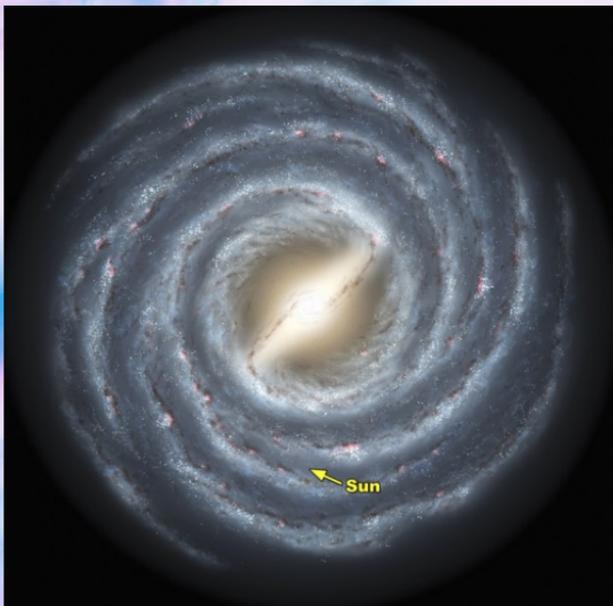
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A **galaxy** is made up of stars, interstellar gas and dust, and dark matter. Galaxies are HUGE!

Our planet Earth is in a solar system of 8 planets, revolving around the Sun, which is a star. Our sun is part of the Milky Way Galaxy. Our sun is just one of BILLIONS of stars in the Milky Way Galaxy.



## DID YOU KNOW?

The stars in the Milky Way Galaxy orbit the central point of the Milky Way at about 136 miles every second. That's about 500,000 miles per hour!



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