

# What type of Galaxy do we live in?

- What is a galaxy?
- What are the 3 types of known galaxies?
- What galaxy is our solar system in?



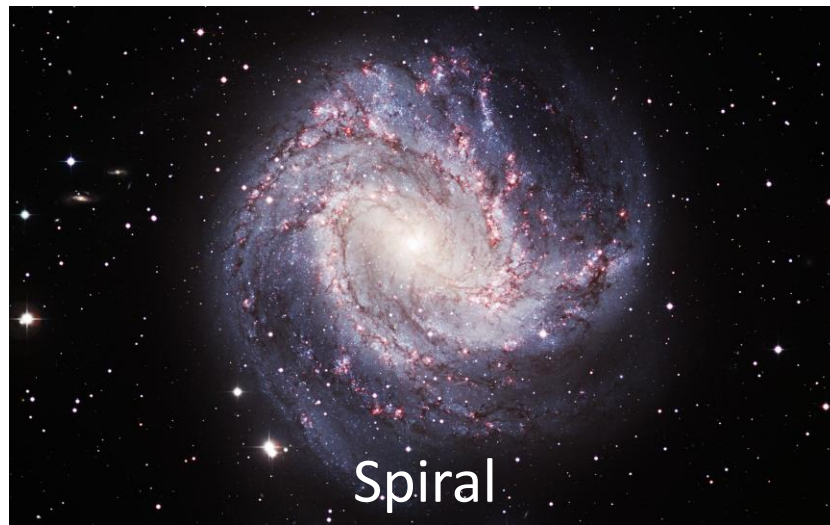
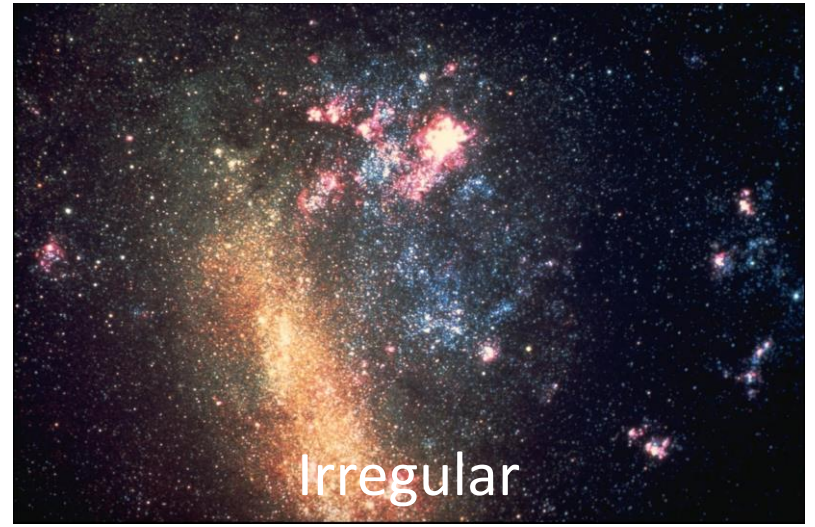
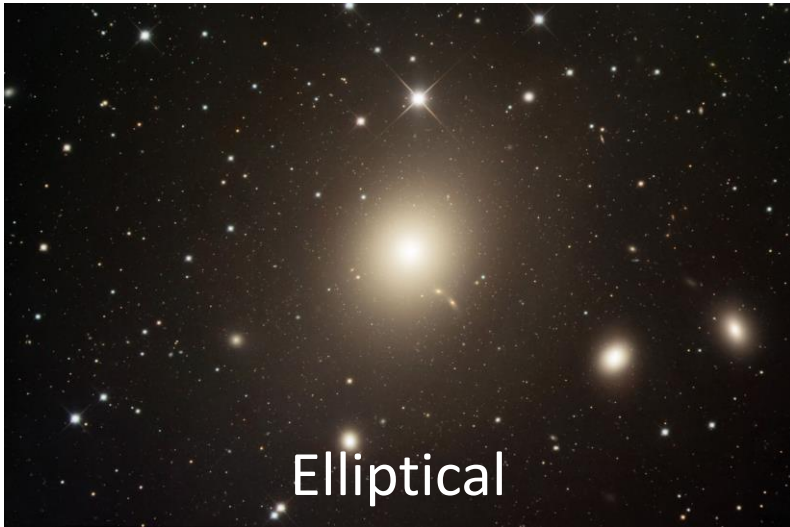
There is a huge universe that expands beyond Earth. The universe is defined as all of space and everything in it. We can not even begin to imagine its vastness!



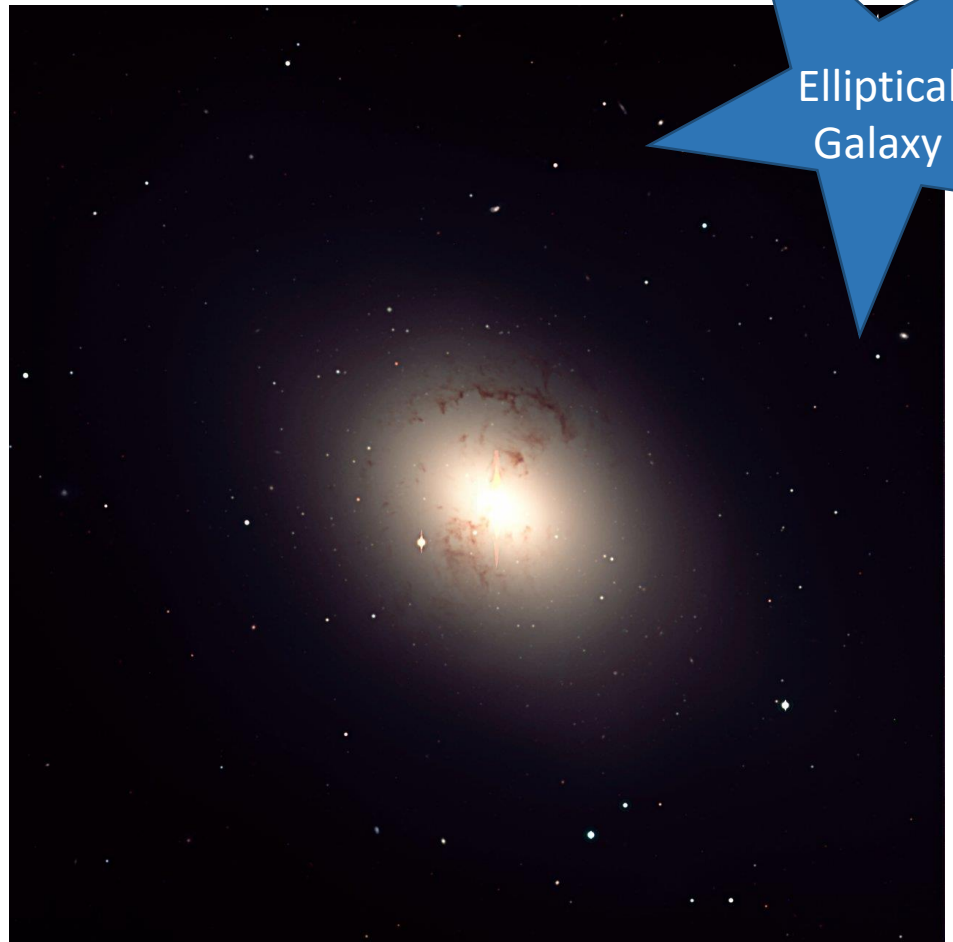
In our universe, there are so many galaxies that scientists can not even count them! A *galaxy* is a huge group of stars, dust and gas bound together by gravity.



Scientists have discovered 3 known types of galaxies: elliptical, spiral, and irregular.



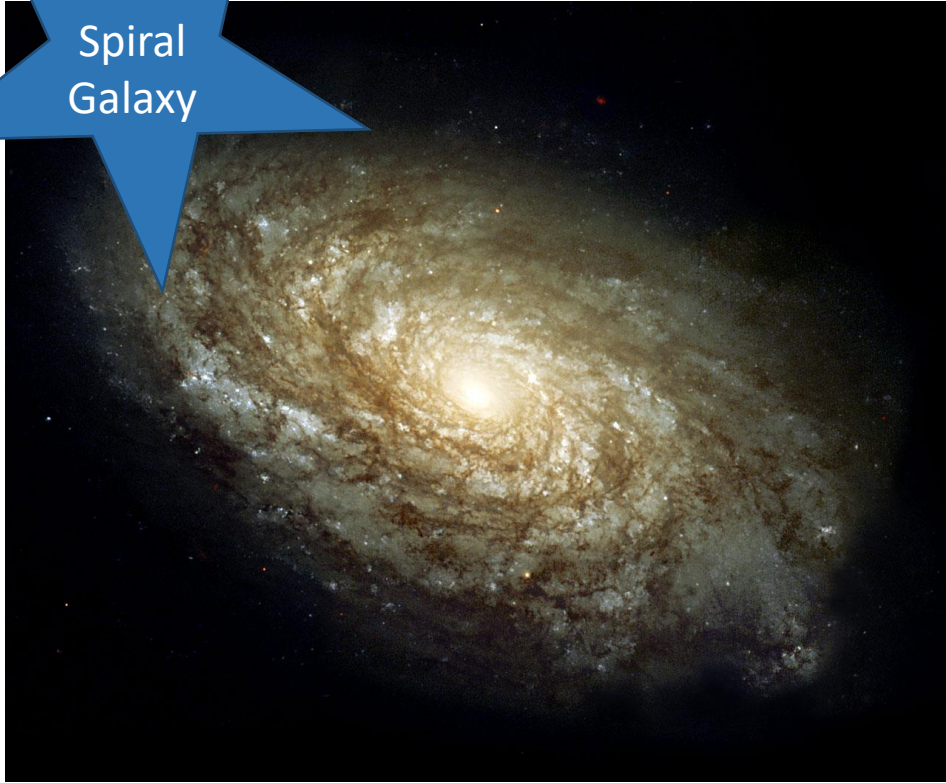
Elliptical galaxies are shaped like footballs or stretched out circles. They are the largest and most common of the galaxies. Since they are comprised mostly of older stars, they are not as bright as spiral galaxies. They do not have a lot of gas or dust.



Elliptical  
Galaxy

*I have made the earth, and  
created man upon it: I, even my  
hands, have stretched out the  
heavens, and all their host have  
I commanded.  
Isaiah 45:12*

Spiral  
Galaxy

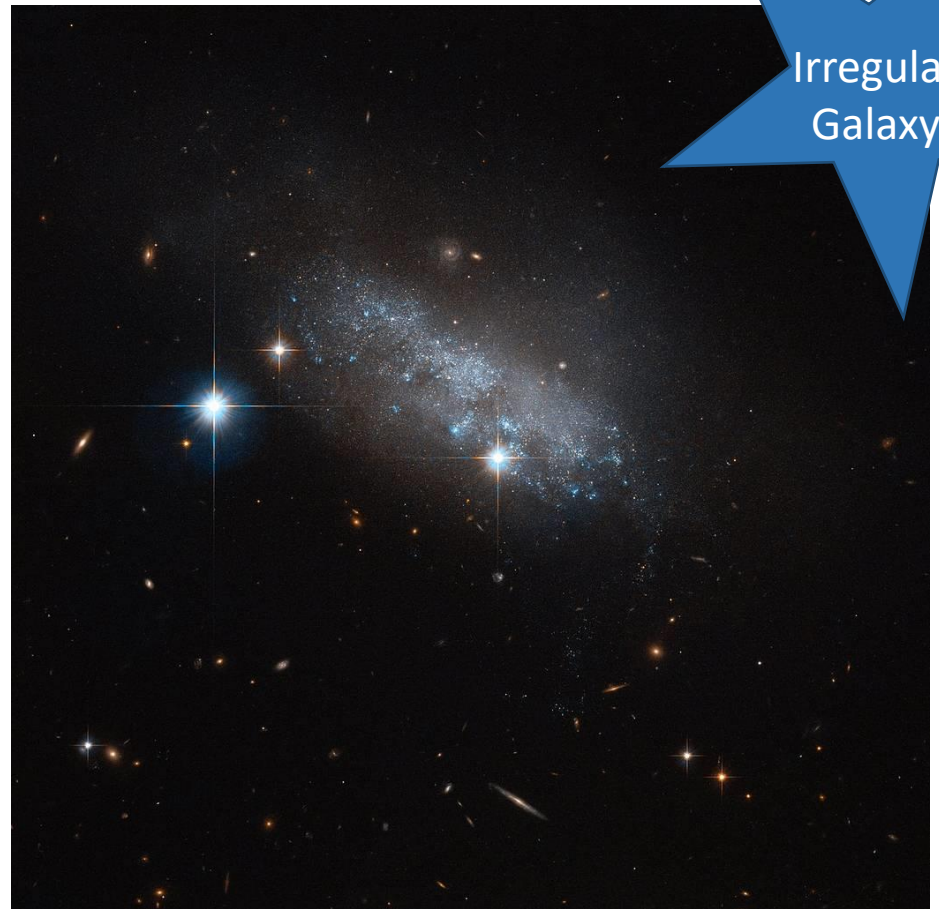


Spiral galaxies have a pinwheel shape with a bright spot in the center. Stars, dust, and gas make up the arms of the pinwheel. Since spiral galaxies have such a high volume of young stars, they shine brightest in the universe.

*He telleth the number  
of the stars; he calleth  
them all by their  
names.*

*Psalm 147: 4*

Irregular galaxies are just as their name implies, irregular in shape. They are among the smallest galaxies in the universe. Irregular galaxies are full of gas, dust, and lots of bright young stars.



*By the word of the LORD were  
the heavens made; and all  
the host of them by the  
breath of his mouth.  
Psalm 33:6*

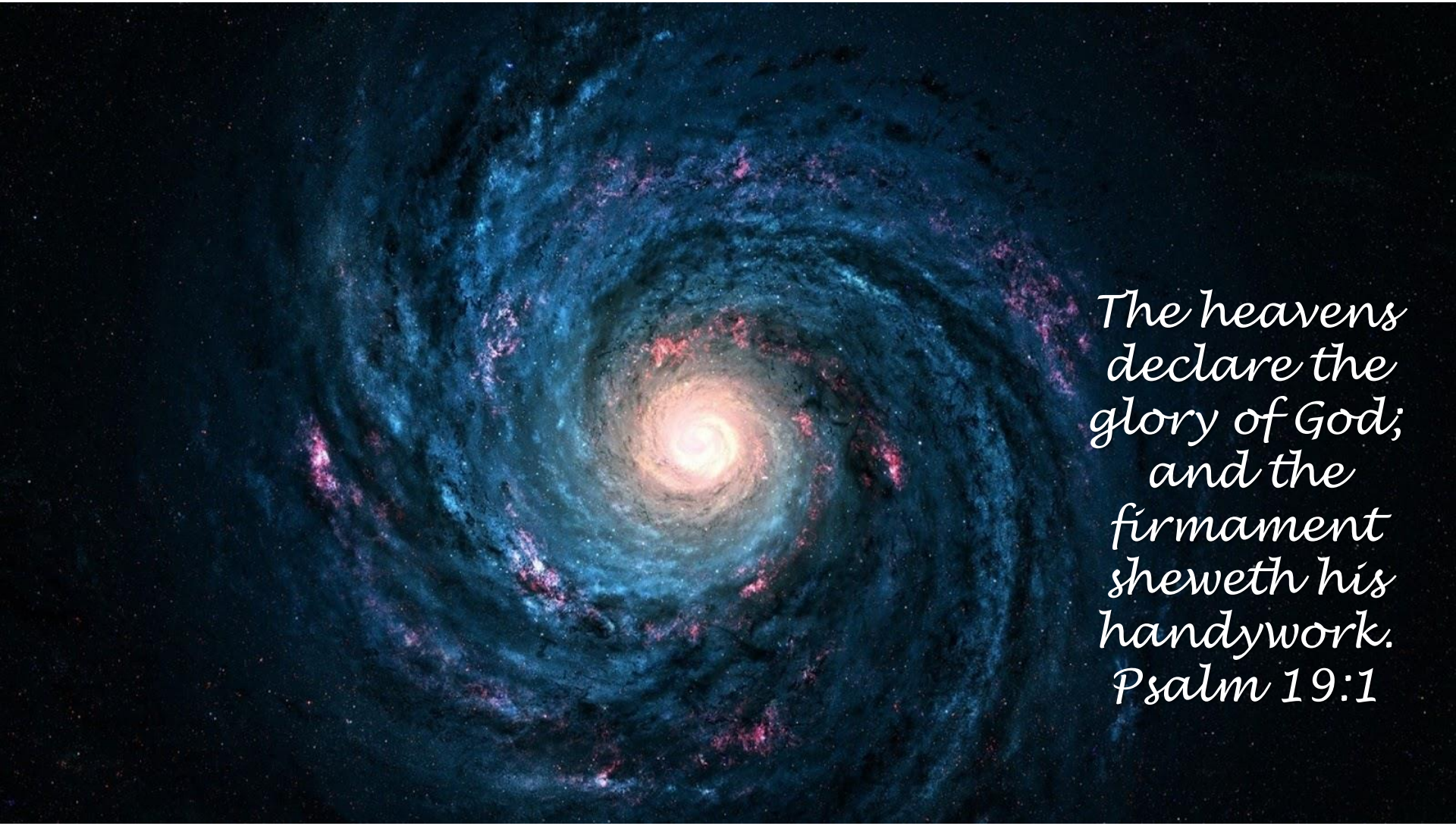
We live in a spiral galaxy called the Milky Way.

Our solar system is located within one of the arms of its pinwheel. The Sun is one of billions of stars in the Milky Way galaxy.





The universe and everything in it was created by  
God to declare His glory.



*The heavens  
declare the  
glory of God;  
and the  
firmament  
sheweth his  
handywork.  
Psalm 19:1*

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When I look at your heavens, the work of  
your fingers, the moon and the stars,  
which you have set in place, what is man  
that you are mindful of him, and the son of  
man that you care for him?

Psalm 8: 3-4