



## GALAXYS

Galaxy's are things that are enormous great patterns that are in outer space. Our nearest Galaxy is the Andromeda Galaxy which is basically a big bulb

of light. Our current Galaxy is called the Milky way Galaxy and the name may sound like its made of milk but its Actually made of stars and the Milky Way-Galaxy is a giant black hole. Galaxy's come in lot's of beautiful spirals. There's a Galaxy which is 2.5 million light years away from earth. There are lot of Galaxy's that we don't know about. There's a Galaxy that is called the Cartwheel Galaxy which is expected to be 500 million light years from earth! There's a Galaxy which is called the black eye Galaxy which is 24 million light years from earth!



## STARS

Star's are huge ball's of light and are the colour white and some people think star's are yellow. The biggest star is called nebula's which is 400 times the size of earth! Some type's of star's are so small that we can't see them without a telescope. Did you know that our sun is a giant dwarf star and the sun could fit 1.3 million earths inside it. Did you know that the hot blue star is the hottest star in the whole universe and the Hot Blues star appears white but some of them appear red. Blue light carries more energy then red light ,which means it needs a hotter radiation source to produce it. Did you know that stars weigh 5678 pounds and that is 500 times the size of earth! Did you know that the smallest star is the Red Dwarf star and it's 600 light years away from earth and it's so small that it barely functions. Do you know that stars are so far away and they look so close on pictures , weird right? Well scientist's are still figuring out why they appear close on space maps and pictures. Did you know that stars are measured in light years and if you don't know what light years are then they tell you how long it takes to travel at the speed of light and if you were to hold a piece of star dust it would be so heavy that you couldn't lift it! If you were to go to space it would be freezing cold and if you were wearing no space suit then you wouldn't survive.



## What To Find Out:

What do you want to know about space? Do you want to know how astronauts fit in such baggy suits or how a rocket travels at such high speeds?

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