

Far From This World

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Project ID#

Q1: Research Question/Engineering Goal

Where is the center of our galaxy?

My goal is to find the center of our galaxy using globular star clusters.

Q3: Data Analysis & Results

Constellations	Number of globular star clusters
Scorpius	19
Ophiuchus	25
Sagittarius	35

Q2: Methodology/Project Design

1. Background research
2. Use website to find out which constellations the globular clusters are in
3. Find out which constellations have the most globular clusters in them
4. Find out where those constellations are in our galaxy
5. Make tables and charts of my findings

Q4: Interpretation & Conclusions

The location of the center of our galaxy is known, but this was a fun experiment to conduct and go through. I conclude that my hypothesis was correct. Based on my data, the center of the galaxy is at or near the constellation Sagittarius. When you look it up and find out where the center actually is, it is near the constellation Sagittarius. My hypothesis was correct and my data is correct. The center of the galaxy is near the constellation Sagittarius.