Informative Speech Topic Proposal

Name: Hunter Murphy

Specific Purpose Statement: To inform the Audience about Star System Formation

Central Idea: The four important parts of Stellar Formation are Star Forming Nebulas, The Accretion Disk, Solar Ignition, and Planet Formation

Three **Library** Sources (Remember 4 are required for your speech):

1. Goldreich, Peter, and William R. Ward. “The Formation of Planetesimals.” *The Astrophysical Journal*, vol. 183, 1973, p. 1051., doi:10.1086/152291.

2. Greene, Thomas P. "Protostars." *American Scientist*, vol. 89, no. 4, 2001, p. 316. *Gale General OneFile*, https://link.gale.com/apps/doc/A76442695/ITOF?u=spri43060&sid=ITOF&xid=f883c2d8. Accessed 8 Oct. 2019.

3.McCracken, G. M., and P. E. Stott. *Fusion : The Energy of the Universe*. Academic Press, 2005. *EBSCOhost*, search.ebscohost.com/login.aspx?direct=true&db=e000xna&AN=195173&site=ehost-live&scope=site.

1. https://science.nasa.gov/astrophysics/focus-areas/how-do-stars-form-and-evolve

Main points (Max of 5 Recommended 3-4):

1. Star Forming Nebula
2. Accretion Disk
3. Solar Ignition
4. Planet Formation

How does this topic relate to our theme and why did you select it?

\_\_\_While other people are going to be focusing on individual stellar bodies I want to cover the basics of how they form as it is one of the basics of astronomy.\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_