

"Astronomy for Beginners" Program

Wednesday February 27, 2019

Everyone loves a beautiful night sky.



But, maybe you'd like to learn more?

What We'll Cover

I'll be visiting several Dayton Metro library locations this late Spring and Summer. Come and learn about:

- The tools and challenges of observational (specifically: optical) astronomy.
 - Naked eye, binoculars, telescope.
 - I bring a telescope on-site, and I discuss how to use it. Please note: These are daytime sessions, so we won't be doing any "live viewing".
- How astronomy began
- Learning the night sky
 - Star maps
 - Star hopping
- Identifying objects in the night sky: constellations, asterisms, individual stars, planets, artificial satellites, deep sky objects.
- Choosing a telescope.
 - What to look for, and what to avoid.
 - Major brands: Celestron, Meade, Skywatcher, Orion.
- Expectations vs Reality
- Events, like eclipses, comets, and meteor showers.
 - I also have meteorite samples for everyone to see and touch!
- Computer software for sky-watching.
- I also talk about coordinate systems: How astronomers describe the positions of objects in the night sky. (Math is kept to a minimum!)

Audience

The content is intended for an audience as young as 3rd grade, but should be of interest to older kids and adults as well.



Please Note: The Dayton Metro Library events calendar lists this as "K-4", but in reality I believe kids K - 1st grade, and maybe 2nd, will struggle a bit with this material. ALL ARE WELCOME, just be aware. Thanks!

Schedule

Each event lasts approximately an hour.

Date / Time	Location (branch)
Monday, May 20th, 6pm	Trotwood
Thursday, June 6th, 6:30pm	New Lebanon
Saturday, June 8th, 2pm	Huber Heights
Saturday, June 15th, 3pm	Northwest
Thursday, June 20th, 5:30pm	West Carrollton
Saturday, June 22nd, 3:30pm	Wilmington-Stroop
Tuesday, July 9th, 7pm	Vandalia
Thursday, July 11th, 5:30pm	Electra C. Doren
Saturday, July 20th, 2pm	Miamisburg
Tuesday, July 23rd, 6:30pm	Burkhardt
Saturday, August 10th, 4pm	Kettering-Moraine

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