

SUMMER ASTRONOMY PROGRAM

June 27, 28, and 29 8:00 PM

Grant O. Gale Observatory, Grinnell College

FOR STUDENTS WHO WILL BE IN THE 6th, 7th, OR 8th
GRADE IN THE FALL OF 2017

(Students who will be in the 9th grade will also be accepted if space permits.)

The Summer Astronomy Program will provide an opportunity for middle school students to find out more about the universe both by participating in presentations, activities and discussions, and by observing astronomical objects using the telescope at Grinnell College's Grant O. Gale Observatory. Each of the sessions will begin with an introduction to some ideas, followed by an observing session (weather permitting).

June 27 -- PLANETS: What are planets like? What makes a planet suitable for life? Is there life elsewhere in our solar system, or in other solar systems?

June 28 -- STARS: What makes stars shine? Where do stars come from and why do some of them end their lives as black holes? What kinds of stars might have planets that could support life?

June 29 -- GALAXIES AND THE UNIVERSE: What is the universe like? How much do we know about where it came from and what will happen to it in the future?

Participation is limited to students who will be in either the 6th, 7th, or 8th grade (or 9th grade if space permits) in the fall, but each student may bring one adult "assistant" if they wish.

The sessions will be held at the Grant O. Gale Observatory, which is located at the extreme northern edge of the Grinnell College campus (north of Tenth Avenue and west of the railroad tracks; north of the baseball diamond and track). Each session will last approximately two hours. Although participants are encouraged to attend all three sessions, partial attendance is acceptable. There will be no charge for the program, but participants should REGISTER BY June 26 BY CALLING 269-3172. For more information, contact Bob Cadmus at 269-3016, 269-3014, or 236-8398.