

**Course Title:** Space: The Final Frontier

**Teacher:** Robert Banks

**Hour 4 - Semester 1 - 2021/22**

**0.5 Science Credit**

### **COURSE INFORMATION:**

**Course Description:** This course will encourage students to learn about the nature and structure of the Universe ranging from the classification of stars & planets to what is currently known about astrobiology and more. The course will be research heavy and will hopefully have at least three field trips to the MMSD Planetarium and possibly one overnight field trip to the observatory at the school forest.

**Prerequisites:** None. However, having a background in Chemistry, Biology, and Algebra would support your learning.

**Method of Instruction:** A mix of direct instruction and student driven research including the writing of short papers and/or presentations. Students will be assessed via written responses and papers/presentations.

**Course Objectives (standards):** HS-ESS1-1 through ESS1-3:Earth's Place in the Universe,

**Graduate Vision Competencies:** Effective communicator, positive risk taker, and developing a growth mindset.