



# New Course FACT Sheet 2024-2025

## Course Title: *Astronomy*

### Teacher Contact Information:

- I can be reached by emailing [agreen@wearetherockofcf.org](mailto:agreen@wearetherockofcf.org) or texting **321-750-9511**.
- I frequently check both, so you can expect a reply within 24 hours if not sooner.

### Course Overview:

- Astronomy is a fifth-grade class meant to introduce students to the wonders of our solar system, the stars, and beyond.
- We will explore and learn about the sun, planets, asteroid belt, dwarf planets, the Kuiper belt galaxies, nebulae, and even black holes as they reveal the marvel and might of our loving Creator.

### Necessary Supplies: <https://www.therockacademyfl.com/copy-of-ms-botany-1>

- *Apologia Exploring Creation with Astronomy 2nd Edition* **Textbook** and **Notebooking Journal**
- PLEASE **DON'T GET** THE **JUNIOR** NOTEBOOKING JOURNAL!!
- A set of **24 colored pencils**
- **1-inch 3-ring binder**
- 1 pair of **scissors**
- 3-holed **pencil pouch**

### The Successful Student:

- Arrives on time with all of his/her necessary supplies.
- Completes daily assignments in the Student Notebook and **BRINGS THEM TO CLASS**.
- Contacts me **SOONER** than **LATER** regarding questions about homework or tests.
- Pays attention to the corrections made to his/her assignments during class.
- Uses the TOOLS I've provided (**colored comments**, **graphic organizers**, **AndyGreenTeacher QUIZLET study sets**, etc.) as he/she studies for tests.

### The Successful Parent:

- Checks FACTS every week—all year long!
- Communicates in a timely manner with questions or concerns.
- Seeks out support and help needed for a struggling student.

### Homework Policy:

- If homework is not complete when it comes time to check it in class, it will **receive an immediate zero**.
- If it is emailed, texted, or turned in anytime during the next week, **10% will be deducted** from the total grade a student has earned.
- Tests and assignments not received by the second week will **keep the zero** given the day the assignment was due.



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<b>Astronomy Week-by-Week Overview</b>			
<b>Semester I</b>		<b>Semester II</b>	
<b>Week 1</b>	<b>The Nature of Science</b>	<b>Week 19</b>	<b>Lesson 8: Space Rocks</b>
<b>Week 2</b>	<b>Lesson 1: What is Astronomy</b>	<b>Week 20</b>	Comets, Asteroids, Meteors, Meteoroids
<b>Week 3</b>	The Night Sky, Stars and Planets, Gravity	<b>Week 21</b>	Space Rocks and Phenomena on Earth
<b>Week 4</b>	<b>Lesson 2: The Sun</b>	<b>Week 22</b>	<b>Lesson 9: Jupiter</b>
<b>Week 5</b>	The Star of Stars, Revolve and Rotate, Solar Flares, Auroras, and Sunspots	<b>Week 23</b>	Protective Mother, Stormy Skies, Little Sun, Many Moons
<b>Week 6</b>	Solar Eclipse, Space Craft that Study the Sun	<b>Week 24</b>	<b>Lesson 10: Saturn</b>
<b>Week 7</b>	<b>Lesson 3: Mercury</b>	<b>Week 25</b>	Twins, Ring System, Fast Rotation, Cassini Mission, Saturn's Moons
<b>Week 8</b>	Closest to the Sun, Features, Who Named, Spacecraft to Mercury	<b>Week 26</b>	<b>Lesson 11: Uranus</b>
<b>Week 9</b>	<b>Lesson 4: Venus</b>	<b>Week 27</b>	Orbit and Rotation, Moons, Who Named It
<b>Week 10</b>	Rotation and Revolution, Who Named It, Finding in the Sky	<b>Week 28</b>	<b>Lesson 12: Neptune</b>
<b>Week 11</b>	<b>Lesson 5: Earth</b>	<b>Week 29</b>	Who Named, Orbit and Rotation, Atmosphere, Moons
<b>Week 12</b>	Perfect Design, Distance, Mass, Rotation	<b>Week 30</b>	<b>Lesson 13: Kuiper Belt &amp; Dwarf Planets</b>
<b>Week 13</b>	Perfect Atmosphere, Tilt, Land, Magnetosphere	<b>Week 31</b>	What is a Planet and Kuiper Belt
<b>Week 14</b>	<b>Lesson 6: The Moon</b>	<b>Week 32</b>	Dwarf Planets, Pluto's Moons, Earth vs. Dwarf Planets
<b>Week 15</b>	Phases, Lunar Eclipse, Atmosphere, Gravity	<b>Week 33</b>	<b>Lesson 14: Stars, Galaxies, and Space Travel</b>
<b>Week 16</b>	<b>Lesson 7: Mars</b>	<b>Week 34</b>	Supernovas, Variable Stars, Hot or Cold, Bright or Dim, Big or Small
<b>Week 17</b>	Gravity, Olympic Mons, Liquid Water, Finding in the Sky	<b>Week 35</b>	Galaxies, Constellations, The Space Race
<b>Week 18</b>	<b>Holiday Break</b>	<b>Week 36</b>	<b>Summer Break</b>

*This schedule is an overview. TRA reserves the right to make changes during the school year.*