Week 1 (Solar System Theme)

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Opening</td>
<td>Intro or quick demo</td>
<td>8:30 AM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:15 AM</td>
<td>(See Notes)</td>
<td>Earth-Moon</td>
<td>9:15-10:30 am</td>
<td>Phantastic Physics Demos</td>
<td>9:15-10:30 am</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Night Sky- 'Wonders'</td>
<td>10:30-12:00</td>
<td>Planetary Motion</td>
<td>Includes MARS</td>
<td>Field Trip*</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Break</td>
<td>Activities</td>
<td>Break</td>
<td>10:45-12:00</td>
<td>Science Center</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>10:45-12:00</td>
<td>To WELCOME CENTER for One Cards</td>
<td>10:45-12:00</td>
<td>Hands On*</td>
<td>Fitness Center</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>1:00-2:00 pm</td>
<td>Starry Night</td>
<td>1:00-4:00 pm</td>
<td>Starry Night</td>
<td>1:00-2:00 pm</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Introduction Basics</td>
<td>2:00-4:00 pm</td>
<td>NASA</td>
<td>2:00-2:45</td>
<td>ATM-4</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>2:30-4:00 pm</td>
<td>Basics</td>
<td>2:30-4:00 pm</td>
<td>Lab / through Astro</td>
<td>2:45-4:00 pm</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>3:00 PM</td>
<td>Telescope Basics</td>
<td>Beach ball/ Trivia or Exoplanets</td>
<td>SETI</td>
<td></td>
</tr>
</tbody>
</table>

Notes:

Lunch (Student Center)-Lunch each day at student’s expense
There are several places to eat. Go to http://studentcenter.wayne.edu/hunger.php
Astronomy Basics includes Farquhar Globe, Planisphere,
Sky Charts/Calendars, etc-AST Lab in Physics Bldg
Earth-Moon includes up front demo and Solar System Scale mini lesson
Phases of the Moon, Insolation, Reason for the Seasons
Student breaks are incorporated within daily activities

* Field Trip-The Detroit Science Center fee is included in camp registration
Meet at Base Camp (WSU Planetarium at 8:30 am)
We will go to The Science Center together as a group

* Divide groups- Astro beach ball w/ astro questions in outdoor courtyard
# Camp Cosmos
(Tentative Itinerary)

## Week 2 (Stellar Evolution Theme)

<table>
<thead>
<tr>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thurs</th>
<th>Fri</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/27</td>
<td>6/28</td>
<td>6/29</td>
<td>6/30</td>
<td>7/1</td>
</tr>
</tbody>
</table>

- **9:00 AM**
  - 9:15-10:30 am Current Events Intro or quick demo
  - 9:15-10:30 am EM Spectrum Presentation
  - Spectral lines
  - UV light
  - White dwarfs

- **10:00 AM**
  - Break
  - 10:45-12:00 AM Starry Night Presentations
  - Field Trip*

- **11:00 AM**
  - Fitness Center outdoor activities
  - Space Detroit
  - Historical Museum
  - FAMILY Luncheon
  - 11:30-1:00 pm

- **12:00 PM**
  - Lunch
  - Hands On (classroom) / Outdoor Activities (weather pending)
  - (lunch provided)

- **1:00 PM**
  - 1:00-2:30 pm Hands On
  - History of Space
  - Meteorites/
  - Geology
  - Activities

- **2:30 PM**
  - Break

- **3:00 PM**
  - 2:45-4:00 pm Hands On
  - Cygnus X-1
  - Practice/
  - 'Black Holes'
  - Program

- **4:00 PM**
  - 3:00-4:00 pm Hands On
  - Night

- **7:00 PM**
  - Dinner (Student Center)
  - Late Night Astronomy

**Notes:**

- Lunch (Student Center)-Lunch each day at student’s expense
  - There are several places to eat. Go to http://studentcenter.wayne.edu/hunger.php

- Fri, 7/1-Parents are invited to see student planetarium shows followed by family luncheon

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**Day-by-Day Schedule:**

- **Monday:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation
  - 10:45-12:00 PM: Starry Night Presentations
  - 12:00 PM: Lunch

- **Tuesday:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation
  - 10:45-12:00 PM: Starry Night Presentations

- **Wednesday:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation
  - 10:45-12:00 PM: Starry Night Presentations

- **Thursday:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation
  - 10:45-12:00 PM: Starry Night Presentations

- **Friday:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation
  - 10:45-12:00 PM: Starry Night Presentations

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**Day-by-Day Tools:**

- **Monday:**
  - 9:00 AM: Current Events Introduction or quick demo (with tools)
  - 9:15-10:30 AM: EM Spectrum Presentation (with tools)
  - 10:45-12:00 PM: Starry Night Presentations

- **Tuesday:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation
  - 10:45-12:00 PM: Starry Night Presentations

- **Wednesday:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation
  - 10:45-12:00 PM: Starry Night Presentations

- **Thursday:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation
  - 10:45-12:00 PM: Starry Night Presentations

- **Friday:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation
  - 10:45-12:00 PM: Starry Night Presentations

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**Special Events:**

- **Friday, 7/1:**
  - Parents are invited to see student planetarium shows followed by family luncheon.

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**Important Dates:**

- **June 27:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation

- **June 28:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation

- **June 29:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation

- **June 30:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation

- **July 1:**
  - 9:00 AM: Current Events Introduction or quick demo
  - 9:15-10:30 AM: EM Spectrum Presentation

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**Camp Location:**

- **Base Camp:** WSU Planetarium, Rm 0209 Old Main, Lower Level

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**Student Activities:**

- **Hands On:** Classroom and outdoor activities (weather pending)
- **Programs:** Field trips included
- **Lunch:** Student Center

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**Contact:**

- For more information, please contact the camp office at 586-883-6000.