

Camp Cosmos

(Tentative Itinerary)



Week 1 (Solar System Theme)					
	Mon 6/20	Tues 6/21	Wed 6/22	Thurs 6/23	Fri 6/24
9:00 AM	Opening Session	Current Events Intro or quick demo			8:30 AM
9:15 AM	w/ Parents Overview- Night Sky- 'Wonders'	9:15-10:30 am Earth-Moon (See Notes)	9:15-10:30 am Phantastic Physics Demos	9:15-10:30 am NASA Missions Includes MARS	Field Trip*
10:00 AM		10:30- 12:00 Outdoor Activities (Gullen Mall)	Planetary Motion		
10:30 AM	Break		Break		
11:00 AM	10:45- 12:00 To WELCOME CENTER for One Cards	Walk off Solar System Scale	10:45- 12:00 Hands On Jupiter Galilean Moons	10:45- 12:00 Fitness Center	Detroit Science Center
12:00 PM	Lunch 12-1 pm	Lunch 12-1 pm	Lunch 12-12:45 pm	Lunch 12-1 pm	Lunch 12-1 pm
1:00 PM	1:00- 2:30 pm Starry Night software	1:00- 2:00 pm Solar Viewing Lenses & Mirrors	12:45- 2:00 pm Starry Night Continued	1:00- 4:00 pm Cosmic Calendar Hands On* Divide groups	1:00- 2:00 pm Starry Night Divide groups ATM-4
2:00 PM	Introduction Basics	2:00- 2:30 pm "Two Pieces"	2:00- 4:00 pm Seeing the Universe through	NASA SEMAA Lab/ Astro	2:00-2:45 Break/ATM-4 in planetarium
2:30 PM	2:30- 4:00 pm Astronomy Basics AST Lab (See notes)	2:30- 4:00 pm Telescope Basics Backyard Astronomy Log Book	Telescopes from Galileo, Hubble and Beyond	Beach ball/ Jeopardy or Trivia (See below)	2:45- 4:00 pm SETI Exoplanets Kepler
3:00 PM					
4:00 PM					

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

Base Camp (WSU Planetarium, Rm 0209 Old Main, Lower Level)

Hands On (classroom) / Outdoor Activities (weather pending)

WSU Fitness & Recreation Center-Fee included in registration Basketball, Volleyball, or Dodge ball

Computer Lab-Located in Undergraduate Library

* 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)				
Mon 6/27	Tues 6/28	Wed 6/29	Thurs 6/30	Fri 7/1
9:00 AM				9:00-9:30 am
Current Events Intro or quick demo				
9:15-10:30 am Presentation EM Spectrum	9:15-10:30 am Presentation Stellar Evol'n/ & Stages	9:15-10:30 am Presentation Galaxies	9:15-10:30 am Presentation Big Bang/ Cosmology	Practice
10:00 AM	10:00 AM	10:00 AM	10:00 AM	9:30- 11:30 am Starry Night
Spectral lines UV light	White dwarfs			Student Presentations
10:30 AM	10:30 AM	10:30 AM	10:30 AM	
Break	Break	Break	Break	
11:00 AM	11:00 AM	11:00 AM	11:00 AM	
10:45- 12:00 Fitness Center	10:45- 12:00 Outdoor/ Hands On Activities	Deep Space/ Hubble Space Telescope/ Activities	10:45- 12:00 Field Trip* Detroit Historical Museum	11:30-1:00 pm FAMILY Luncheon (Lunch provided) Thank You!
12:00 PM	12:00 PM	12:00 PM	12:00 PM	
Lunch 12-1 pm	Lunch 12-1 pm	Lunch 12-1 pm	Lunch 12-1 pm	
1:00 PM	1:00 PM	1:00 PM	1:00 PM	
1:00- 2:30 pm Starry Night	1:00- 2:30 pm Starry Night	1:00- 2:45 pm Starry Night	1:00- 2:30 pm Hands On Meteorites/ Geology Activities	
Review, Create, Program	Finish Program	Program in Planetarium		
2:00 PM	2:00 PM	2:00 PM	2:00 PM	
Break	Break		2:30- 4:00 pm	
2:45- 4:00 pm Hands On EM Spectrum Activities	Presentation Supernovae Cygnus X-1 'Black Holes' Movie	2:45- 4:00 pm Hands On Curvature of Space	Starry Night Practice/ Program in Planetarium	
3:00 PM	3:00 PM	3:00 PM	3:00 PM	
4:00 PM	4:00 PM	4:00 PM	4:00 PM	


Notes:


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There are several places to eat. Go to <http://studentcenter.wayne.edu/hunger.php>

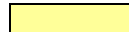
Fri, 7/1-Parents are invited to see student planetarium shows followed by family luncheon

 Base Camp (WSU Planetarium, Rm 0209 Old Main, Lower Level)

 Hands On (classroom) / Outdoor Activities (weather pending)

 Computer Lab-Located in Undergraduate Library

 WSU Fitness & Recreation Center-Fee is included in camp registration
Basketball, Volleyball, or Dodge ball

 * Field Trip-The Detroit Historical Museum fee is included in camp registration
We will go to museum together as a group