

2012 Camp Cosmos

(Tentative Itinerary)



Week 1 (Solar System Theme)					
	Mon 6/18	Tues 6/19	Wed 6/20	Thurs 6/21	Fri 6/22
9:00 AM	Check-In	Current Events Intro or quick demo			Far Out Friday
9:15 AM	Opening Session w/ Parents Overview-Night Sky "Wonders of the Universe"	9:15-10:30 am Astronomy Basics (See Notes)	9:15-10:30 am Phantastic Physics Phenomena Demos Planetary Motion	9:15-10:30 am Meteorites Constellation Activity Big Dipper	9:15-10:30 am NASA Missions "Invaders of Mars"
10:00 AM	Break		Break	10:30- 11:45	
10:30 AM	10:45- 12:00 Outdoors Solar System Scale Walk	10:45- 12:00 Fitness Center Basketball/ Volleyball	10:45- 12:00 Stars and our Sun	Cranbrook Visits Us! Bats Around the World	10:45- 12:00 Fitness Center Basketball/ Volleyball
11:00 AM	Lunch 12-1 pm	Lunch 12-1 pm	Lunch 12-1 pm 2nd floor OM	Lunch 12-1 pm	Lunch 12-1 pm
12:00 PM	1:00- 2:30 pm Earth-Moon Scale "Solar System"	1:00- 1:30 pm "Zula Patrol"	1:00- 2:00 pm Starry Night	1:00- 4:00 pm Cosmic Calendar Hands On Activities*	1:00- 2:00 pm Starry Night
1:00 PM	Break	1:30- 2:00 pm Reason for Seasons			
2:00 PM	Planets!	2:00- 4:00 pm "Solar Viewing"	Fitness Center Basketball/ Volleyball	NASA SEMAA Lab Astro Beachball	2:00-4:00 SETI Exoplanets Kepler
2:30 PM	Planet Review "Planet Bingo"	Telescope Basics "Backyard Astronomy" Log Book	Our Moon Moon Phases Solar & Lunar Eclipses	Jeopardy or Trivia (See below)	"Cosmic Safari" Create Your Own Alien!
3:00 PM	Jeopardy Activities "Oasis in Space"				
4:00 PM					

Notes:

Lunch-WSU Towers Café

Astronomy Basics includes Farquhar Globe, Planisphere,
Sky Charts/Calendars, etc-AST Lab in 319 Old Main
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 WSU Undergraduate Library
- Field Trip

* Group Activities- Astro beachball w/ astro questions in outdoor courtyard

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wayne state university
PLANETARIUM

Week 2 (Stellar Evolution Theme)					
	Mon 6/25	Tues 6/26	Wed 6/27	Thurs 6/28	Fri 6/29
9:00 AM	Current Events Intro or quick demo			Whacky Thursday	9:00-9:30 am Practice
	9:15-10:30 am Stellar Evol'n/ EM Spectrum Diffraction glasses "Seven Wonders"	9:15-10:30 am Cosmology on a Table Top	9:15-10:30 am Particle Physics	9:15-10:30 am Constellation Map Solar Motion Demonstrator	9:30-11:30 am Starry Night Student Presentations
10:00 AM	Break	Break	10:30-12:00	Break	
10:30 AM	10:45-12:00 Fitness Center Basketball/ Volleyball	10:45-12:00 Galaxies and Galaxy Activity	Detroit Institute of Arts Field Trip!	10:45-12:00 Make a Comet! Why is Space So Cold?	11:30-1:00 pm FAMILY Luncheon (Lunch provided) Thank You!
11:00 AM	Lunch 12-1 pm	Lunch 12-1 pm	Lunch 12-1 pm	Lunch 12-1 pm	
12:00 PM	1:00-2:00pm Starry Night	1:00-2:30pm Fitness Center Volleyball or Rock Climbing	1:00-4:00 pm Solar System Painting (Outdoors)	1:00-4:00 pm Simultaneous Activities! <i>Whacky World of Physics!</i>	
1:00 PM	2:00-2:30 pm Biology Museum	Break	Break	Practice Presentations	
2:00 PM	2:45-4:00 pm Hands On EM Spectrum Activities Physics Lab	2:45-4:00 pm Supernovae Presentation "Black Holes"	Solar System Painting/ Activity		
2:30 PM					
3:00 PM					
4:00 PM					

Notes:

Lunch-WSU Towers Café

Fri, 6/29-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 WSU Undergraduate Library
- WSU Fitness & Recreation Center-Fee is included in camp registration
Basketball, Volleyball, or Dodge ball
- Field Trip