

# 2013 Camp Cosmos



wayne state university  
**PLANETARIUM**

Week 1 (Solar System Theme)					
	Mon 6/17	Tues 6/18	Wed 6/19	Thurs 6/20	Fri 6/21
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) Reason for Seasons	9:15-10:30 am <i>Phantastic Physics</i> <i>Phenomena Demos</i> Planetary Motion	9:15-10:30 am <i>Geology</i> Rock & Minerals Resources Optic Mineralogy	9:15-11:00 am Solar System Painting/ Activity
10:00 AM	Break		Break	10:30- 11:45	"Dynamic Earth"
10:30 AM	Earth-Moon Scale Solar System Scale	10:45 - 12:00	10:45- 12:00	Cranbrook Visits Us! <i>Bats</i> <i>Around the World</i>	11:30-12:30 Fitness Center Basketball
11:00 AM	Outdoors- Solar System Scale Walk	Starry Night Lab C	Stars and our Sun		
12:00 PM	Lunch 12-1 pm Gold 'n' Greens	Lunch 12-1 pm Gold 'n' Greens	Lunch 12-12:45 pm <i>Towers Café</i> 12:45- 3:40 pm	Lunch 12-1 pm Gold 'n' Greens	Lunch 12:30-1:00 pm Picnic!
1:00 PM	1:00- 2:00 pm Planets and Moons <i>Solar System Mini Lesson</i>	1:00- 1:30 pm "Zula Patrol!" 1:30- 3:00 pm	Michigan Science Center! <b>Field Trip</b>	1:00 - 2:15 pm Fitness Center Basketball	1:00- 2:00 pm Starry Night Lab C
2:00 PM	Break	Telescope Basics "Solar Viewing"	1:00 PM <i>Science Stage</i>	<i>Moon Phases</i>	2:00-4:00 SETI Exoplanets Kepler
2:30 PM	"Oasis in Space"	Break	2:00 - 3:00 <i>Tornado Alley!</i> Imax	Our Moon <i>Last on the Moon</i>	"Cosmic Safari" Create Your Own Alien!
3:00 PM	Create your own Moon	Paint your own Moon		Eclipses! <i>Toilet Paper Solar System</i>	
4:00 PM					

**Notes:**

Astronomy Basics includes Farquhar Globe, Planisphere,  
Sky Charts/Calendars, etc

- Base Camp (WSU Planetarium, Rm 0209 Old Main, Lower Level)
- Hands On (classroom) / Outdoor Activities (weather pending)
- WSU Fitness & Recreation Center
- Computer Lab-Located in WSU Undergraduate Library
- Field Trip

# 2013 Camp Cosmos



Week 2 (Stellar Evolution Theme)					
	Mon 6/24	Tues 6/25	Wed 6/26	Thurs 6/27	Fri 6/28
9:00 AM	Current Events Intro or quick demo			<b>Whacky Thursday</b>	9:00-9:30 am Practice
10:00 AM	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 <i>Meteorites and Activity</i>	9:30- 11:30 am  Starry Night Student Presentations
10:30 AM	Break	Break	10:30- 12:00	10:45- 12:00	11:30-1:00 pm <b>FAMILY Luncheon</b> (Lunch provided) Thank You!
11:00 AM	10:45 - 12:00 Starry Night  confirmed	10:45- 12:00 Galaxies and Galaxy Activity	Detroit Institute of Arts  <b>Field Trip</b> Self-guided tour	10:45- 12:00 <b>Fitness Center</b> Basketball/ Volleyball	
12:00 PM	Lunch 12-1 pm <i>Towers Café</i>	Lunch 12-1 pm <i>Towers Café</i>	Lunch 12-1 pm <i>Towers Café</i>	Lunch 12-1 pm <i>Towers Café</i>	
1:00 PM	1:00 - 2:00 pm <b>Fitness Center</b> Volleyball	1:00 -2:30pm <b>Fitness Center</b>	1:00- 2:30 pm <i>Constellations</i> Big Dipper Activity	1:00- 4:00 pm Simultaneous Activities!	
2:00 PM	2:00- 2:30 pm "IBEX "	Rock Climbing		<i>Whacky World of Physics!</i>	
2:30 PM	Break	Break	Break		
3:00 PM	2:45- 4:00 pm Hands On EM Spectrum Activities Physics Lab	2:45- 4:00 pm Supernovae Presentation "Black Holes"	2:45- 4:00 pm NASA Missions "Invaders of Mars"	Practice <i>Presentations</i>	
4:00 PM					

**Notes:**

Fri, 6/28-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-
- Field Trip