

2014 Camp Cosmos



Week 1					
	Mon 6/16	Tues 6/17	Wed 6/18	Thurs 6/19	Fri 6/20
9:00 AM	Check-In		Current Events Intro or quick demo		Far Out Friday
9:15 AM	Opening Session w/ Parents	Dry Ice Comet 9:30-10:30	9:15 - 10:30am	9:15 - 10:30am	9:15 - 10:15am
10:00 AM	Overview-Night Sky "Wonders of the Universe"	Optics	Physics Demos	Solar System Painting Activity	Particle Physics
10:30 AM	Break	Break	Break	Break	Break
11:00 AM	Earth-Moon Scale 11:00 am - 12:00 pm Outdoors- Solar System Scale Walk	10:45 am - 12:00 pm Starry Night Lab C	10:45 am - 12:00 pm Stars and our Sun	10:45 am - 12:00 pm Black Holes Neutron Stars	10:30- 11:45am Cranbrook Visits Us! <i>Bats Around the World</i>
12:00 PM	Lunch 12:00-1:00 pm Gold'n'Greens	Lunch 12:00-1:00 pm Gold'n'Greens	Lunch 12:00-12:45 pm Gold'n'Greens 12:45- 3:40 pm	Lunch 12:00-1:00 pm Gold'n'Greens	Lunch 12:00-1:00 pm Gold'n'Greens
1:00 PM	1:00- 2:00 pm Planets and Moons Solar System Mini Lesson	Dry Ice Comet Lost on the Moon 1:30- 3:00 pm Telescope Basics and Optics Demos	Michigan Science Center! Field Trip	1:00 - 2:30 pm Basketball and Team Building	1:00- 1:30 pm "Invaders of Mars"
2:00 PM	Break 2:15 - 3:30 pm Astronomy Basics	Break		Break	Break Liquid Nitrogen Popsicles
2:30 PM		Break		2:45 - 3:30 pm Our Place in Space	2:00-4:00 pm SETI Exoplanets Kepler
3:00 PM	"Dynamic Earth"	"Two Small Pieces of Glass"		2:00 - 3:00 pm <i>Flight of the Butterflies</i> Imax	"Black Holes: The Other Side of Infinity"
4:00 PM		Dry Ice Comet			

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

2014 Camp Cosmos



Week 2					
	Mon 6/23	Tues 6/24	Wed 6/25	Thurs 6/26	Fri 6/27
9:00 AM	Current Events Intro or quick demo				9:00-9:45 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 Research Time	9:15-10:30 am Geology	Break
10:00 AM					10:00 - 11:45 am Starry Night
10:30 AM	10:30 - 11:45 am Starry Night	Break	10:30 - 11:45 am Starry Night	Break	Student Presentations
11:00 AM	confirmed	10:45 am - 12:00 pm Galaxies and Galaxy Activity	confirmed	10:45 am - 12:00 pm Perils From Space	
	Break		Break		11:30 am - 1:00 pm FAMILY Luncheon (Lunch provided) Thank You!
12:00 PM	Lunch 12:00-1:00 pm Gold'n'Greens	Lunch 12:00-1:00 pm Gold'n'Greens	Lunch 12:00-1:00 pm Gold'n'Greens	Lunch 12:00-1:00 pm Gold'n'Greens	
1:00 PM	1:00 pm- 2:15 pm Hands On EM Spectrum Activities Physics Lab	1:00 - 2:30pm Rock Climbing	1:00- 2:30 pm Detroit Institute of Arts Field Trip	1:00- 4:00 pm Simultaneous Activities!	
2:00 PM	Break		Self-guided tour	Wacky World of Physics!	
2:30 PM	2:30 - 3:15pm Stellar Statistics Activity	Break	Break		
3:00 PM		2:45- 4:00 pm Supernovae Presentation	2:45- 4:00 pm Particle Physics Part II	Practice Presentations	
	3:30-4:00 pm Moon Phases				
4:00 PM					

Notes:

Fri, 6/27 - 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