

2015 Camp Cosmos



Week 1 - the Solar System						
	Mon 6/15	Tues 6/16	Wed 6/17	Thurs 6/18	Fri 6/19	
9:00 AM	Check-In		Current Events Intro or quick demo		Far Out Friday	
9:15 AM	Opening Session w/ Parents	9:15 - 10:15am Solar System Topics	9:15 - 9:45am "Two Small Pieces of Glass"	9:15 - 10:30am Physics Demos	9:15 - 10:15am The Human Body	
10:00 AM	Overview-Night Sky "Wonders of the Universe"	Size Scale Dry Ice Comet	9:45-10:30am Solar Scopes		9:45 Break	
10:30 AM	Break	Break	Break	Break	10:30 - 11:45am	
11:00 AM	10:45-11:45am Evolution of the Early Solar System and Origin of the Earth-Moon System	10:30am - 12:00pm Starry Night UGL Computer Lab C	10:45 - 11:45am Delusion, Fusion, and the Age of the Sun	10:45 - 11:45am Solar System Painting	Cranbrook Visits Us! Animal Adaptations	
12:00 PM	Lunch 12:00-1:00 pm Towers Café	Lunch 12:00-1:00 pm Towers Café	Lunch 12:00-12:45 pm Towers Café	Lunch 12:00-1:00 pm Towers Café	Lunch 12:00-1:00 pm Towers Café	
1:00 PM	1:00-2:15pm Geology Lab	1:00 - 2:00pm Solar System Walk Gullen Mall	1:00 - 3:45 pm Field Trip Michigan Science Center	1:00 - 2:30 pm Team Building	1:00 - 1:30 pm "Invaders of Mars"	
2:00 PM	Break	Break	2pm - IMAX Journey To Space	Break	Break Liquid Nitrogen Popsicles	
2:30 PM	2:30-3:00pm Dynamic Earth	2:30 - 3:30pm Solar System Talk			2:45-3:45pm Optics Demos	2:00-4:00 pm SETI Exoplanets Kepler
3:00 PM	3:00-3:45pm Oreo Moon Phases	3:30-3:45pm Dry Ice Comet				Create Your Own Alien!
4:00 PM						

- 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

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Week 2					
	Mon 6/22	Tues 6/23	Wed 6/24	Thurs 6/25	Fri 6/26
9:00 AM	Current Events Intro or quick demo				9:00-9:45 am Practice
	9:15-10:00 am Stellar Evolution	9:15-11:45 am Field Trip Detroit Institute of Arts Self-guided tour	9:15-10:00 am Cosmic Rays!	9:15-10:30 am Dark Matter	Break
10:00 AM	10:00-11:45am EM Spectrum Activities Physics Lab 140?		Break	Break	10:00 - 11:45 am Camper Presentations!
10:30 AM	Computer Research Physics Computer Lab 312		10:15 - 11:45 am Old Timey Science "Seven Wonders"	10:30 - 11:45am Computer Research UGL Computer Lab C	
11:00 AM					11:30 am -1:00 pm FAMILY Luncheon (Lunch provided) Thank You!
12:00 PM	Lunch 12:00-1:00 pm Towers Café	Lunch 12:00-1:00 pm Towers Café	Lunch 12:00-1:00 pm Towers Café	Lunch 12:00-1:00 pm Towers Café	
1:00 PM	1:00 - 2:00pm Black Holes and Neutron Stars	1:00 -2:30pm Rock Climbing	1:00 -2:30pm Galaxies and Evolution of Universe	1:00- 4:00 pm Simultaneous Activities!	
2:00 PM	Break		Break	Wacky World of Physics! Practice Presentations	
2:30 PM	2:30-3:00pm "Black Holes: The Other Side of Infinity"	Break	2:45 - 3:45pm		
3:00 PM	3:00-3:45pm Math is Weird!	2:45- 3:45 pm Our Place in Space!	Cosmology		
4:00 PM					

Notes:
Fri, 6/26 - Parents are invited to see student planetarium shows followed by family luncheon

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- Field Trip