



Dear Caregivers,

It is a pleasure to welcome your child to the Orlando Science Center's Summer Camps and *InSight: Mission to Mars* for grades 7-9. This week will be incredibly fun-filled and provide your child with a variety of hands-on, exploratory learning experiences. In order to help you discuss with your child what he or she has seen and done each day, we would like to give you an overview of the camp for this week.

Sincerely,

OSC Summer Camp Staff

InSight: Mission to Mars – Peek at the Week

“More missions have been attempted to Mars than anywhere else in the Solar System! What’s next for the exploration of the Red Planet? We’ll explore how the science and technology of previous missions has informed the planning for missions InSight and MARS 2020. From modelling the orbits of Earth and Mars for determining launch window to designing and creating model rovers and landers, we’ll take the next step as Martian explorers!”

Monday – Planet Four: Start off your journey to the red planet by seeing all the unique things Mars has to offer. From learning about para-terraforming to programming a rover to explore Mars from afar, you’ll soon be an expert on all of Mars’ future tourist attractions.

Tuesday – Blast from the Past: Take a trip and delve into all of the past missions that have gone to our neighbor planet. Learn about the ambitious Mars 2020 mission by remotely checking on old landing sites and robots. Relive the launch of the InSight lander as you learn more about the history of Mars exploration.

Wednesday – Future InSights: Look ahead to the missions of the future! Learn about looking for life beneath the Martian soil by learning about how to find signs of life. Finish the day by exploring how small drones called Marsbees could possibly help us explore the red planet.

Thursday – Field Trip: Campers will go on an exciting field trip!

Friday – Red Planet: Finish your exploration of the mysterious red planet by learning about what it takes to live there. Discover how microbial life can form on a planet and what circumstances it needs. Complete your mission by building a shelter that can protect valuables from the wind and dust storms that ravage Mars.

* Field trip locations are subject to change.