



International Museum of Surgical Science

A Division of the International College of Surgeons

NASA Saturday Camp Student Application **Powered and Pumped Up**

One-Day Sessions beginning December 30th 2017 and running every Saturday until March 3rd 2018
from 8:30am-3:00pm.

Limited to current 6th, 7th, and 8th grade students.

\$10 fee to participate (credit card information must be provided below).

The International Museum of Surgical Science is proud to offer this NASA Saturday Camp program to serve those currently underrepresented and underserved in STEM education or fields. This program aims to achieve NASA science, technology, engineering and mathematics (STEM) education goals. This content includes the NASA Glenn Engineering Design Challenge (EDC): Powered and Pumped Up, through which students have the opportunity to work on real-world challenges in a collaborative, team-based environment. Students will apply lessons learned to solve problems that STEM professionals face while gaining a deeper knowledge of how NASA is a part of their everyday lives.

Educator led team-based projects will include:

- **Shed Some Light** - Use mirrors to reflect light and learn about focusing energy to a desired location.
- **How Intense Are You?** - Learn how light intensity changes as you move away from the source.
- **What's the Point?** - Explore how lenses can be used to manipulate light.
- **Powered and Pumped Up** - design, build, and improve a stand-alone solar-powered pumping system to move water as quickly as possible between two containers.

Name of student: _____

School currently attending: _____

Grade Level: _____

Home Address: _____

Home Phone Number: _____

Emergency Contact:

Name: _____ Phone Number: _____

Relationship to student: _____

Why would the student benefit from this camp? (Please have student answer question)

Preferred Saturday Camp Date (Please rate at least 3 choices with 1 being first choice):

<input type="checkbox"/>	Saturday, December 30 th , 2017	<input type="checkbox"/>	Saturday, February 3 rd , 2018
<input type="checkbox"/>	Saturday, January 6 th , 2017	<input type="checkbox"/>	Saturday, February 10 th , 2018
<input type="checkbox"/>	Saturday, January 13 th , 2018	<input type="checkbox"/>	Saturday, February 17 th , 2018
<input type="checkbox"/>	Saturday, January 20 th , 2018	<input type="checkbox"/>	Saturday, February 24 th , 2018
<input type="checkbox"/>	Saturday, January 27 th , 2018	<input type="checkbox"/>	Saturday, March 3 rd , 2018

Parent/Guardian:

I hereby give my consent to allow _____ (student name) to participate in the International Museum of Surgical Science's NASA Saturday Camp 2018. I agree to let the International Museum of Surgical Science use my student's image or likeness in all advertisements. I will also indemnify and hold harmless the International Museum of Surgical Science and its parent body (The International College of Surgeons) against any and all claims for personal injury, property damages, or which may hereafter occur to my student as a result of participation in this event. I hereby give my consent to have my student treated by emergency medical personnel, a physician, or surgeon, in the case of a sudden injury or illness while participating in the International Museum of Surgical Science NASA Saturday Camp. It is understood that this medical treatment will be at the expense of the student's parent or guardian.

Parent/Guardian Signature	Print Name	Date
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Does your student have any allergies or specific care instructions?

Credit card information (your credit card will only be charged the \$10 fee once your student is accepted into the program):

Name of cardholder: _____

Card Number: _____ CVV Code: _____ Exp. Date: _____

Approval Signature: _____

Please submit the completed application materials to Kayla@imss.org at least two weeks in advance of your preferred class date.