STEMist Education

ADVANCED

Camp Schedule

$449.00
Registration Price

Herbert Hoover Middle School
Camp Location

7/29 - 8/2
Camp Dates

7th - 9th
Grade Group



29 Mon

Chemistry: An Atomic Science

Taught by Chaas Kandregula

9:00 AM Students will learn about atomic structure, chemical bonding, reactions, and the properties of elements and compounds through hands-on experiments and interactive activities.

Food Science Lab

Hosted by Chaas Kandregula

12:30 PM Through engaging experiments and activities, students will learn about the chemical and physical properties of various food components and the processes involved in cooking and preserving food.

30 Tue

Introduction to Machine Learning

Taught by Jayadev Ghanta

9:00 AM Students will learn about permutations, combinations, and other combinatorial techniques, developing problem-solving skills applicable to various fields.

AI Build-A-Thon

Taught by Jayadev Ghanta

9:00 AM Students will learn about permutations, combinations, and other combinatorial techniques, developing problem-solving skills applicable to various fields.

31 Wed

Cardiovascular Biology

Taught by Idhant Rao

9:00 AM The course will cover components of blood, how the heart pumps blood throughout the body, and the vital role the cardiovascular system plays in transporting oxygen, nutrients, and waste.

Frog Dissection Lab

Hosted by Idhant Rao

12:30 PM Frog dissection is a hands-on middle school lab where students get to explore the internal anatomy of a frog through a guided dissection process.

1 Thu

Computational Chemistry

Taught by Steve Yang

12:30 PM Students will learn how to apply basic computational methods, algorithms, and software to analyze the structures, properties, and reactions of molecules and materials.

Introduction to Biology

Taught by Claire Li

12:30 PM Introduction to Biology is a foundational course that explores the fundamental concepts and principles of life sciences.

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2 Fri

Project Design

Taught by Siri Kadabal

9:00 AM A brief presentation covering specifications and ideas for the course capstone project, introducing students to the Scientific Process.

Capstone Project

Hosted by Siri Kadabal

10:00 AM Students will orchestrate and complete a capstone project with skills learned during the course of the camp, in one of the fields that was of the most interest to them.

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