

# 5TH AND 6TH GRADE PROGRAMS

## **NEW** PROPULSION LAB

Step into our Rocket Propulsion Laboratory and engineer your very own rocket. Test designs, fuel choices, payload weights, and more to find the perfect combination. Ignite your engines on the last day of class and watch your creation fly over 200 feet in the air. It IS rocket science!

|                      |                  |
|----------------------|------------------|
| JUNE 12 - JUNE 16    | 12:30PM - 3:00PM |
| JUNE 19 - JUNE 23    | 9:00AM - 11:30AM |
| JUNE 26 - JUNE 30    | 12:30PM - 3:00PM |
| JULY 10 - JULY 14    | 9:00AM - 11:30AM |
| JULY 17 - JULY 21    | 12:30PM - 3:00PM |
| JULY 24 - JULY 28    | 9:00AM - 11:30AM |
| JULY 31 - AUGUST 4   | 12:30PM - 3:00PM |
| AUGUST 7 - AUGUST 11 | 9:00AM - 11:30AM |

**\$180 MEMBERS | \$200 NON-MEMBERS**

## **BOUNTIFUL BIOLOGY**

BIOLOGY. It grows on you! Find out what organisms require to exist. Explore human and animal anatomy through animal dissections. Visit our Cell Theater to see how single-celled organisms survive and grow. See the world from a new perspective!

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## **CHEMICAL MELTDOWN**

Watch science in action through a chemical reaction! Test different reactants to uncover how chemical reactions work. Discover the difference between a physical reaction and a chemical reaction. Get ready to get messy and have a chemical meltdown!

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## ALL COOKED UP!

Do you love science AND cooking? Add a pinch of chemistry and a dash of science in this fun culinary class. Learn about molecular gastronomy, the newest frontier in culinary arts and science. Watch food transform from typical to unexpected forms using scientific laboratory techniques. And don't forget to eat your experiments!

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## ECLECTIC ENGINEERING

**FULL DAY**

How do we make a robot arm move? What makes structures strong enough to withstand earthquakes? Answer these questions and more while drafting new designs and perfecting problem-solving skills. Draw on multiple sciences as you develop the skills to construct the future!

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**\$360 MEMBERS | \$400 NON-MEMBERS**



## SKATE SCIENCE

**FULL DAY**

Carve out time this summer to explore the mechanics of skating. Put your *goofyfoot* forward as you dissect ollies, vert skating, and all the other physics of fun on wheels. We'll highlight engineering as you design, build, and decorate your own customized skateboard that will be yours to keep.

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