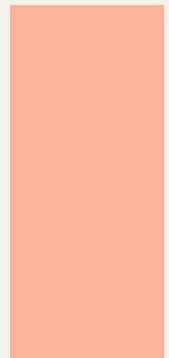
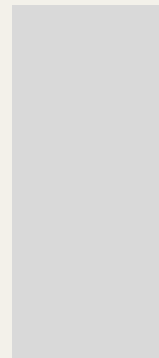
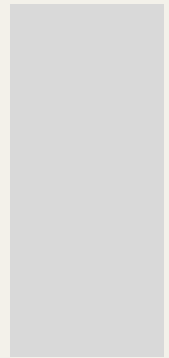
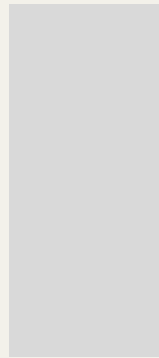
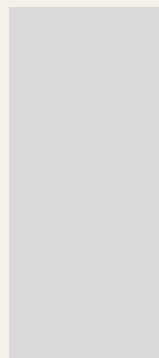


Science Olympiad at Cornell



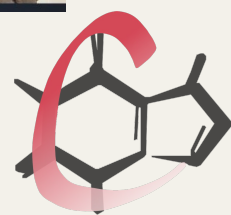
Splash! at Cornell
Lesson Plan

April 2024



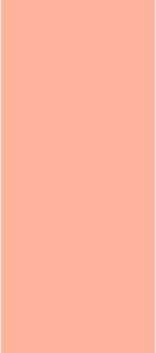
Who are we?

Science Olympiad at Cornell is an undergraduate organization at Cornell that is dedicated to improving and expanding the experience of middle and high school students in Science Olympiad. Our activities include volunteering at local Science Olympiad competitions and organizing an annual invitational.

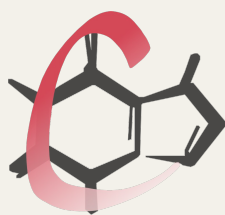
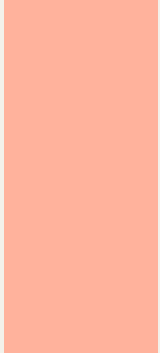




Today's Plan



Members of Science Olympiad at Cornell will present three different workshops based on Science Olympiad events. Explore your scientific interests in cartography, civil engineering, and forestry!



FORESTRY

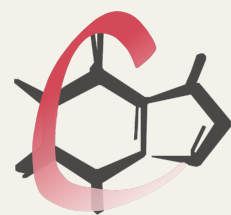
Trees are fundamental to our ecosystems. Learn to identify trees by looking at leaves.

What you'll do:

Learn about trees, leaves, and how to identify them.

Materials:

- Leaves
- Worksheet



ROAD SCHOLAR

Learn about cartography, the science of map reading and making.

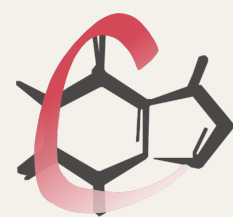
What you'll do:

There is no such thing as a "GPS." Learn how to navigate on a highway map the next time you are on a road trip.

Ithaca is hilly! Let's examine the topography and construct a topographic profile.

Materials:

- NE highway map
- Ithaca, NY topographic map
- Worksheet



TOWER

TRUSSES.

What you'll do:

Learn about the principles of structural integrity and what makes towers so strong.

Build your own tower that can support the most weight!

Materials:

- Popsicle sticks
- Tape

