California Science Center Activities for Middle School Students
Notes for the Teacher

The California Science Center is an ideal field trip to introduce your students to various and diverse science and technology disciplines. The hands on approach is a great way to spark interest and curiosity in science.

The Science Scavenger Hunt work sheet is provided to every two students to help them explore in an organized fashion and keep them focused. The gift is at the Explorastore is further incentive to keep them working but is optional. Upon returning to class, we have a discussion about their experiences.

The worksheet should be updated by making a visit to the museum a few days prior to your field trip to check for outdated or new exhibits.

The Pathways Chaperone worksheet for Destination: Space is the Science Center’s own worksheet to help guide students through the Air and Space Museum.
Science Scavenger Hunt

LEVEL 3 – Transportation (15 points)

What is center of mass? ______________________________________

What does the added weight under the bicycle do? _________________

What is a car’s speed with a 100 meter skid mark? _______ km/hour

What is a ratio?______________________________________________

How many solar cells cover Solar Eagle II? _________________

LEVEL 2 - Creative World (15 points)

What are 5 ways to direct light? _________________________________

List 6 things that don't belong in a trash bin:_____________________

How can you protect the earth resources? _________________________

What kind of ground isn't safe for a quake? _______________________

How do sound waves travel? _________________________________

LEVEL 2 - World of Life (15 points)

How many nerve cells does your brain have? ______________________

How many deaths does drinking too much alcohol lead to? ________

In what year did the U.S. join other countries to map DNA? _______

What does H.I.V. destroy? _____________________________________

What kind of circulatory system does a salamander have? __________

LEVEL 1 (5 points)

16. What is the shape of the object directly in front of the Explorastore? __________