



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The worksheet should be updated by making a visit to the museum a few days prior to your field trip to check for outdated or new exhibits.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

50 points

Student Name(s): _____ Date: _____

For teacher use only

Points: _____

Grade: _____

Instructions: Search for the answers to the questions below. **READ** the descriptions. Some stations require you to do an activity or watch a video. Some questions may require a lot of searching.

All questions are worth 3 points (except 16 which is worth 5 points). The team with the highest points wins a gift in the Explorastore.

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? _____