



## Junior Field Trip Teacher's Guide

In our Junior Field Trips you will be introduced to one of our exhibit spaces and participate in a creative activity developed for preschool through second graders. Below you'll learn what you can expect before, during, and after your field trip along with ways to prepare and ways to take your experiences back to your classroom.

### Before your visit:

- **Watch the museum introduction video:** Watch a short video on our education blog to learn what to expect when you arrive at the museum:  
<http://childrenscreativity.wordpress.com/introduction-video/>
- **Recruit chaperones:** We require one adult for every five children participating in the field trip.
- **Build excitement:** Let your class know that CCM is not your average children's museum
  - all of our activities are hands on and interactive, and there will be lots for them to explore and create!

### During your visit:

- **Check-in:** 10 minutes before the start of your trip, please check in at the front desk and put your bags on the provided cart or in the yellow cubbies.
- **Warm Up:** A museum educator will lead you to one of our exhibits spaces, introduce the space, and lead the group in a creative warm-up.
- **Activity:** Students will participate in a variety of activities ranging from (see options below)
- **Debrief:** At the end of your field trip, your educator will lead a debrief on your activity.

## **Junior Field Trip Options:**

### **Creative Stations** (developed for Preschool - 1st grade):

This field trip builds the creative confidence of young children through play-based exploration. Students will have all of Children's Creativity Museum Imagination Lab to explore a number of different stations including: Sculpting, 2D animation, Dress-up, Puppet shows, Take-home art projects, Collaborative mural-making, Building design, Green screen dancing and discovery. Children may choose to engage in these activities through facilitated "creative challenges" or explore independently. Each hour-long field trip also features opening and closing circle time with collaborative storytelling.

### **3 C's Team Building** (developed for Preschool - 2nd grade):

This field trip focuses on fun group activities that foster the 3 C's: Communication, Collaboration & Creativity. Educators will lead students through group games/challenges that cultivate teamwork and encourage creative group problem-solving. Team-building games such as All Aboard!, Hoop the Group, Lava Log (and more!) help children work together to solve challenges, build trust, develop communication and leadership skills, and strengthen the classroom community as a whole.

### **Eew-bleck: liquid or solid?** (developed for Preschool - 2nd grade):

This field trip focuses on hands-on experiments with the non-Newtonian fluid oobleck. Through hands-on experiments, observations and group discussion, museum educators facilitate an interactive class that turns children into scientists! They are introduced to new vocabulary, collaborate in small groups to measure and mix their own oobleck, get their hands dirty with experiments, and end with an Oobleck Freeze Dance Party! Children are able to take small amounts of oobleck home with them (with teacher permission).

### **Elementary Rocket Science** (developed for Preschool - 2nd grade):

In this hands-on field trip, children learn about rockets and the Scientific Method! After a flight demonstration, students will create, decorate and experiment with two different types of soda straw rockets. Which design can fly farther? With the help of museum educators children form their own hypothesis, test their two soda straw rockets, collect data and discuss their results as a group. Teachers are optionally provided with before-and-after book/activity ideas to help integrate the field trip with their students' curriculum, as well as pictures of the soda straw rocket experiment. Children are welcome to take their rockets home!

### **Aerial Innovations** (developed for Preschool - 2nd grade):

This field trip introduces children to the concept of aerodynamics and the many creative ways we can use air to help us fly and float. By constructing and experimenting with parachutes and "hovercraft" tested in CCM's air tube, children gain a deeper understanding of flight, design principles and the iterative process of experimentation. Using guiding questions, museum educators help students build, test and modify their aerial innovations. After a group introduction to Parachute and Hovercraft stations (including interactive demonstrations), children choose where they want to start and then explore both stations. Children are welcome to take their aerial innovations home!

**Junior Innovators** (developed for 1st- 2nd grade):

This field trip begins with a collaborative story where the class establishes a character, a setting, and a problem to solve. Students then work in smaller groups to invent a solution for this problem using only their imaginations and a “mystery box” of provided materials. With the help of museum educators, students learn brainstorming and prototyping techniques and have an opportunity to participate in creative problem solving. The innovation process helps students see challenges as opportunities to be creative! Students then share their inventions and together add an ending to the collaborative story.

**Blob Animation** (developed for 2nd grade):

In blob animation students have a chance to explore the principles of 3D animation using simple clay shapes. The field trip takes place in CCM’s famed Animation Studio. Students are introduced to the vocabulary and process of both storytelling and filmmaking as they work in small groups to collaboratively plan, direct, and animate a short stop-motion film starring their clay blob characters. Teachers will be sent a link to view and share the completed animations.

**After your visit:**

- **Be sure to fill out our post- field trip survey!** Your responses help us continue to provide the best possible experience for teachers and students. Click the following link to have a voice in our program development: <https://www.surveymonkey.com/r/JuniorFY16>
- **Share pictures of your creations and a reflection of your field trip on the CCM Education blog:** E-mail [education@creativity.org](mailto:education@creativity.org) to submit your work.

Do you have questions, concerns, or comments about your trip? Please e-mail [education@creativity.org](mailto:education@creativity.org)  
or call **(415) 820-3516**