

## Pre-trip preparation for

# Icky, Sticky and Smooth – Preschool to Kindergarten

Scientists use their senses every day to make important observations. In this Discovery Lab, students will learn how to use their sense of touch to explore texture. Students will practice their science skills and new vocabulary as they explore science stations with all kinds of things, icky, sticky and smooth! After this lab students can use their newly honed observation skills to explore all the various textures in The Discovery's galleries and exhibits.

### **Next Generation Science Standards (K-ESS3-2)**

Ask questions based on observations to find more information about the designed world.

### **Next Generation Science Standards (K-E552-1)**

Use observations (firsthand or from media) to describe patterns in the natural world In order to answer scientific questions.

### **Common Core K.CC.4**

Understand the relationship between numbers and quantities; connect counting to cardinality.

### **Common Core Language Arts 1.K.4 I/L**

Comprehend vocabulary using pictures, symbols, and environmental print.

## **During your Discovery Class students will be expected to:**

- Sit in groups of 4 students per table.
- Students should be prepared to give their full attention to the Lab instructors when given the quiet signal.
- Work cooperatively with one another at the table.
- Follow the hands-on procedures just as the Lab teacher or assistant explains them.
- Rotate from one station to station.

## **It is important that teachers and chaperones:**

- Help focus the students' attention.
- Assist students with the hands-on activities and experiments when necessary.
- Engage students at a higher level by asking open-ended questions throughout the class.  
For example: "Why did you choose \_\_\_?"
- Turn off cell phones and other electronic devices during the class.

## **Literary connection:**

To get students excited about the upcoming Discovery lesson we suggest reading the following story with your students: *5 Senses* by Alike Talk, a story about how scientists gather information with their senses and this information is called observations.