

Bubble-ology

OUTREACH PRE-VISIT PAGE (Pre-K Ages 3-5) 1 hour

The Arizona Science Center will be arriving no later than 15 minutes before the start of your program(s). **Bubble-ology** is intended to be a hands-on introductory program that:

- Teaches children the scientific process of understanding bubbles
- Allows children opportunities to inquire, investigate, and interpret information

PROGRAM NEEDS

- Two adult helpers
- **The Arizona Science Center's instructor is a guest in your classroom. Instructors/helpers MUST remain in room for the duration of program for liability reasons. We cannot be responsible for your students.**
- Limited to 30 participants
- One preparation table set off to the side of the room
- Table/desk workspace for students
- Floor space for literacy engagement activity
- If multiple programs are scheduled at your location, it is ideal that the instructor set up in one room and participants be brought in; otherwise allow 15 minutes between programs

Before the Program Preparation

- Allow children the opportunity to blow bubbles in milk or juice at lunch if possible. Ask them, "What do you observe?"
- Throughout their daily routine, try asking children to look at objects more closely. You could ask, "What do you notice?"
- Encourage children to investigate further using magnifying glasses, microscopes, etc.

Extended Learning Opportunity ideas will be provided at the end of the program.

Arizona Early Learning Standards

Science S1C1-C4: Learns and explores through the Scientific Process

Language and Literacy S1C1-C2: Understands vocabulary and processes through a story

Physical Development S1C1-C2: Gross and fine motor development



