

Chromatics: The Science of Color

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

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

- Secondary colors and the science of how our eyes see color
- Colors can be combined to create other colors. New vocabulary words will be introduced to describe these colors.

PROGRAM NEEDS

- 2 Adult helpers
- **The Arizona Science Center's instructor is a guest in your classroom. The teacher must stay in the classroom during the program. We cannot be responsible for the students.**
- One instructor table at front of room
- Limited to 30 participants
- Water source readily available
- 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 Day (Preparation Activities)

- Compare the colors of the rainbow
- Experiment with shadows using a projector or the sun at different times of the day
- Use prisms and light to create rainbows
- Use different colored sand to combine into new colors

Additional literature: *Mouse Paint* by Ellen Stoll Walsh, *A Rainbow of My Own* by Don Freeman

Arizona Early Learning Standards

Science S1C1-C4: Observes and understands colors using the Scientific Process

Fine Arts S1C1-C3: Creates art; inquires about art; describes processes

Language and Literacy S1C1-C2: Listens to and understands literature through story; relays information from the story to adults

Physical Development S1C1-C2: Gross and fine motor development

