



The Arboretum at Flagstaff School Group Programs, Activities and Workshops 2016

General information for school groups:

The Arboretum at Flagstaff (the Arb) represents an ideal introduction to the plants, animals, and conservation issues of the Colorado Plateau – a 130,000-square-mile area encompassing the Four-Corners region of Arizona, Colorado, New Mexico and Utah, including the Grand Canyon. Self-guided and docent-led programs (docents are specially trained educators) are available on the unparalleled ecology, botany, and science of the area. All of our school programs (K-5) are aligned with Arizona science standards and intersect with Next Generation Science Standards. The Arb's Shop offers excellent materials for furthering one's education in the stewardship of this region.

For online program schedules and details, visit our website at www.thearb.org.

How to use:

- Visit our **Home Page**
- Top menu: click on **Education**
- Click on **Student Field Trips**

Have Questions? Contact Lisa Duskocil, Public Programs Manager, 928-774-1442 Ext.110 or e-mail at education@thearb.org.

Pre-arranged school group tour rates:

Docent-led Programs	\$5.00 per student
1 adult per 6 children	Free
Additional adults (beyond 1 per 6 children)	\$4.00 per adult
Self-Guided School Tour groups (minimum of 10 students)	\$3.00 per student

Programs And Workshops

At the Arb, school groups may choose from a self-guided tour (with materials provided), or docent-led programs. Topics for programs are below. Be sure to check the Arb's website (www.thearb.org) for detailed descriptions. ** Please refer all scheduling requests to Lisa Duskocil at least 4 weeks in advance.

2016 Programs for Schools

- Length: 1.5-2 hours (1.5 grade-specific program plus optional mini-hike through arboretum)
- Minimum participants: 10
- Space is available for lunch
- School groups are welcome to stay for the raptor free-flight program

Grade-Specific Themes

All Grades: Mini-Hike. The 30 minute mini-hike will take place in the areas of the arboretum not covered in the field trip portion. These areas include the greenhouse, the pond, the herb garden, and the trails connecting these areas. Mini-hikes will be tailored individually for each group.

Preschool / Kindergarten: The Five-Alive Senses. Students will be led through the Arboretum grounds where they will explore all of their five senses. Highlights include listening to the frogs and birds by the pond, smelling plants in the Herb Garden, and feeling different types of conifers on the woodland path.

Grade 1: Life in the Trees. This program introduces students to the concept of habitat and explores the relationships between Abert's Squirrels, birds, insects and the Ponderosa Pine. Students will spend their time in the forest looking for clues about animal-plant interactions taking place above them and right beneath their feet.

Grade 2: Riparian Rascals. Students will learn about and compare the different stages in the development of a Western Chorus Frog and a Dragonfly/Damselfly. They will spend their time at the pond investigating the lives of these creatures, playing games and looking for signs of life in the pond.

Grade 3: Water Bug Naturalist. Students will learn about the importance of riparian areas to plants and wildlife in Arizona as well as the adaptations needed for living in the water. They will explore and

identify aquatic invertebrates in the Arboretum's riparian areas. They will share their findings with classmates and will have the opportunity to use a micro-camera.

Grade 4: Hardy Adaptations. Students find out how plants are able to thrive in our arid, high-elevation ecosystem. They will identify the characteristics of plants and trees that help them survive the elements. This program includes hands-on activities that help build observation skills and promote critical thinking about the plant world. A trip to the greenhouse will further assist in learning about plant adaptations.

Grade 5: Fifth Grade Foresters. Students will learn about forest health and will be able to recognize indicators of healthy and unhealthy forests. Students will be asked to be foresters for a day, and in doing so, they will evaluate certain sections of the forest and offer solutions about how to improve the health of the forest.

Grade 6-8: Climate Change. Students will learn the facts about climate change and conduct their own research into its long-term effects and ways to help mitigate and adapt to our changing world. Each program is aligned to state standards and each grade has its own activity and foci.

High School Programs: Please contact the Director of Education at (928) 774-1442 ext. 110 for information.

To reserve a date for your class, call (928) 774-1442, ext.110. If you leave a message, please include your phone number and e-mail, the date and time you would like to visit, and your group's size and grade level.