



SCIENCE WITH ATTITUDE (SWAt)

Providing assistance with the Junior Master Naturalist and Junior Master Gardener programs. School gardens, indoor and outdoor learning centers and demonstrating nature science kits to children's classes. We work in partnership with the Denton County Master Gardeners.

PROJECT NUMBER P091211

Initiated in 2009
Reviewed 7/31/2020

LOCATION
Elm Fork Chapter Service Area

PROJECT MANAGERS

Toni Benjamin
trb910@yahoo.com
940.453.4348

Sharon Betty
sharon.betty56@yahoo.com
940.390.2960

MAIN PURPOSE

Engage, educate the community about nature and natural resources

ACTIVITIES

Public Outreach
Booth volunteer

Training and Educating
Classroom instruction
Workshops, training presentation
Audience focus—Children

SUBJECT MATTER

Botany
Trees and shrubs
Forbs (flowering plants, wildflowers)
Grasses and grasslike plants
Mosses and lichen

Entomology
Bees
Butterflies and moths
Dragonflies and damselflies
Macroinvertebrates
Other insects

Ornithology
Water birds
Perching and tree-clinging birds
Hawklikes and owls
Upland ground birds

Mammalogy
Mammals

Who We Are

Science With Attitude (SWAt) was established to share, support, and enhance the knowledge of horticultural and environmental education with Denton County teachers, parents, and students. The SWAt team is a group of Texas AgriLife Extension volunteers working collaboratively through these three local organizations: Denton County Master Gardeners, Elm Fork Chapter Texas Master Naturalists and Denton County 4-H. Volunteer areas include: volunteer recruitment and coordination, Junior Master Gardener® (JMG) community garden, hospitality, tech support, school adviser, inventory team, SWAt educator, photography, administration, JMG/Junior Master Naturalist® (JMN) preschool classes and summer camps and workshop support teams.

Educational Outreach for Denton County Educators

Denton County educators can request a talk or demo from the SWAt Educational Outreach Program. SWAt's volunteer team provides assistance with school gardens/outdoor learning centers, wildlife gardening, vegetable gardening, and irrigation.

Demos are available on: trees, honeybees, worm composting, discovering wildlife, birds, wildflowers, insects, Enviroscape, rainfall simulator, the stream trailer, Freddie the Fish, and the Junior Master Naturalist and Junior Master Gardener programs.

For the most up-to-date information go to <https://txmn.org/elmfork/staying-connected/swat-science-with-attitude-educational-outreach/> or the link via DCMGA - <https://dcmga.com/all-about-dcmga/science-with-attitude-educational-outreach-page/>.

SUBJECT MATTER (Cont'd)**Herpetology**

Frogs and salamanders
Turtles
Lizards
Snakes

Paleontology

Paleontology

Geology

Geology

Natural Systems

Forest ecology
Prairie ecology
Wetland ecology

Natural Resource Stewardship

Land conservation
Water Conservation

VOLUNTEER PARTICIPATION AND SERVICE

Recruitment status	Actively recruiting new volunteers
Work environment	Indoor, conditioned air Outdoors, covered, subject to temperature ranges Outdoor, uncovered, subject to range of weather Restroom facilities available on site
Strength	No strength requirement Light, exerting up to 20 lbs of force
Use of tools/equipment	Small hand tools, garden tools
Motion	Standing for sustained periods of time Stooping, kneeling, crouching, reaching Walking on pavement for up to one or two miles

PROJECT WORK STRUCTURE

Project work schedule	Project involves irregular work events with advance announcements
Work location	Various locations in Denton, Cooke, and Wise Counties

HOW TO VOLUNTEER FOR THIS PROJECT

Where to find information	Chapter Website Plan Your Week Contact Project Manager
How to volunteer	Contact Project Manager
Other	SWAt conducts separate monthly meetings (4 th Thursday of each month) to organize volunteers for what is being requested by teachers and to provide advanced training for classroom presentations on various topics.