

## SECTION 24: PROJECT REQUIREMENTS

### Natural Resources

#### EXPLORE THE OUTDOORS 611

**Guidelines:** Beginning Level. Youth age 12 and over. Complete questions in project book. Complete exploring trips to a woods, a wild animal area, a stream exploration, open field, and insect trip.

**Judging Requirements:** Bring your completed project book and a display.

**Fair Exhibit:** Display of knowledge gained.

#### GEOLOGY: CAN YOU DIG IT? 612

**Guidelines:** Discover our planet's past with clues in rocks, minerals, and fossils that you Collect. Learn where to find these items, how to identify them, and how they formed. Showcase your findings in a display of your design.

**Judging Requirements:** Bring your completed project book and a display. Complete all 8 activities (including a collection display) and Talking It Over questions. Complete at least 2 learning experiences and at least 2 leadership/citizenship activities. Complete a project review.

**Fair Exhibit:** Collection display.

#### EXPLORING PONDS 617

**Guidelines:** Advanced level project is for members who are experienced in exploring the outdoors and who want to learn more about ponds. Take a look at the "Big Picture" of Earth's water cycle and water conservation then look closely at a pond's health and its ability to support the organisms around it.

**Judging Requirements:** Bring your completed project book and a display. Complete all 9 activities and all of the Talking It Over questions. Take part in at least 2 of the sample Learning Experiences listed on page 4, & complete 2 leadership/citizenship activities. Complete a project review. Intended as a one year project only.

**Fair Exhibit:** Display of knowledge gained.

#### WHY TREES MATTER 620

**Guidelines:** This is a beginning level project to be taken only once. Develop your interest in trees and natural resources with cool experiments that highlight how trees function and a real understanding of the important roles trees and tree products play in our everyday lives. Learn how trees function, measure and identify them, how we use trees and make products from them, which animal species depend on them, and which species threatens their health.

**Judging Requirements:** Complete all 6 activities and take part in at least 2 learning experiences. Become involved in at least 2 leadership/citizenship activities. Complete a project review.

**Fair Exhibit:** Display of knowledge gained about Why Trees Matter.

#### OHIO BIRDS 621

**Guidelines:** Any age. Designed as a 2 year project. Complete Project Guidelines. Observe, identify and record 20 different bird species, build and use 2 types of bird feeders. Explore all Interest Areas, complete the Planning Your Project section steps 1-4, complete the project activity and discover questions in each Interest Area, take part in at least 2 Leadership /Citizenship activities, write a 1 page story of the important things you learned from this project.

**Judging Requirements:** Bring 1 constructed bird feeder; knowledge of its use of what types of seeds, and a display showing one or more activities done for project.

**Fair Exhibit:** Educational display/exhibit/bird feeder.

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### Trapping-Fishing-Insects

#### TRAPPING MUSKRATS IN OHIO 622

**Guidelines:** Intermediate Level. Youth age 12-19. This project is designed as a two-year project. Complete the Planning Your Project section. Explore all seven Interest Areas. Complete the Something To Do Activities in each Interest Area. Take part in at least three Learning Experiences. Become involved in at least three Citizenship or Leadership Activities. Complete two projects found in the project book. Choose your favorite interest area and display the information you learned. ("Buckeye Trapper" is available as a resource book. It may be borrowed for one week from the Extension Office.)

**Judging Requirements:** Bring your completed project book for participation year, scrapbook/journal of activities conducted, and an educational display/exhibit representing the learning experience of the project.

**Fair Exhibit:** Educational display/exhibit.

#### OUTDOOR ADVENTURER: BEGINNING FISHING 623

**Guidelines:** For youth ages 9 -11. Learn about fish and how catch them. Try different types of fishing equipment available. Project book also contains an appendix of freshwater fish found in the Midwest. Complete all eight activities, all Talking It Over questions, Fishing Log, at least 2 learning experiences, at least 2 leadership/citizenship activities, and a project review.

**Judging Requirements:** A display representing the learning experiences of the project or something of interest that you learned. Bring completed project book to judging.

**Fair Exhibit:** Display representing the learning experiences of the project.

#### OUTDOOR ADVENTURER: INTERMEDIATE FISHING 624

**Guidelines:** For youth ages 11 and over. Learn more about the outdoor sport you love with activities that explore how to find fish, get them to bite, and how to clean fish. Complete the project book including all activities, all Talking It Over questions, Fishing Log, at least 2 learning experiences, at least 2 leadership/citizenship activities, and a project review.

**Judging Requirements:** A display representing the learning experiences of the project. Bring completed project book to judging.

**Fair Exhibit:** Display representing the learning experiences of the project.

#### BEEKEEPING PROJECT & RECORD BOOK 641

**Guidelines:** For members grade 3-12. **Beginners:** Ages 8-10 years. Must have access to a hive. **Intermediate:** Ages 11-13 or members with some experience with bees. Must acquire a bee colony. **Advanced:** 14+. Must acquire a bee colony. **Mandatory:** Must have a project helper. Complete new project book each year. Set at least 3 project goals. Complete Member Project Guide section including: one or more topics of interest, complete five or more learning, participate in two or more learning experiences, take part in two or more leadership/citizenship activities. Complete the Colony Care and Management section and the Beekeeping records section. Take part in a project review at a club meeting/ participate in county project judging.

**Judging Requirements:** Bring completed project book and photos of the project as it progresses.

**Fair Exhibit:** Display representing the learning experiences of the project.

#### INSECT ADVENTURES 1 644

**Guidelines:** This is a beginning-level project which introduces entomology basics including insect types and parts, how to catch insects, and why they are important through seven activities. Requires resource 644R *Insect Collection* Guide to create a collection of 30 insects (available for loan from OSU Extension Office). Must complete all 7 activities, all Talking It Over questions, 2 learning experiences, 2 leadership/citizenship activities, and project review.

**Judging Requirements:** Bring completed project book, insect collection (30 specimens), and a display of knowledge gained.

**Fair Exhibit:** Display of knowledge gained and/or insect collection.

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#### Insects-Canning & Freezing-Flower Gardening

##### INSECT ADVENTURES 2 645

**Guidelines:** Youth build on their knowledge of insects by making insect collection tools and expanding on insect traps, caterpillars, relatives of insects, and friendly predators. For youth in grades 6-8, but available for all members with some knowledge of entomology. Need not take in sequential order, however it is recommended. Project may be repeated once. Requires resource 644R *Insect Collection* Guide to create a collection of 40 insects (available for loan from OSU Extension Office). Must complete all 8 activities, all Talking It Over questions, 2 learning experiences, 2 leadership/citizenship activities, and project review. Put an insect collection kit together for organizing your tools of the trade.

**Judging Requirements:** Bring completed project book; insect collection (40 specimens) and collection kit with tools created and/or a display of knowledge gained.

**Fair Exhibit:** Display of knowledge gained and/or collection kit and/or insect collection.

##### INSECT ADVENTURES 3 646

**Guidelines:** This completely revised advanced-level project includes seven activities. Members dissect a grasshopper, explore insect history, trap insects, and learn about beneficials. It is written for youth in grades 9-12, but is available for all members with ADVANCED knowledge of entomology. Need not take in sequential order, however it is recommended. Project may be repeated once. Requires resource 644R *Insect Collection* Guide to create a collection of 50 insects (available for loan from OSU Extension Office). Must complete all 7 activities, all Talking It Over questions, 2 learning experiences, 2 leadership/citizenship activities, and project review

**Judging Requirements:** Bring completed project book, insect collection (50 specimens), and display of knowledge gained.

**Fair Exhibit:** Display of knowledge gained and/or insect collection.

Youth taking canning, flower, or vegetable gardening projects are encouraged to participate in the open class competition at the Fulton County Fair.

##### CANNING AND FREEZING 670

**Guidelines:** This is an intermediate age project level book designed to help you home preserve produce from your garden or from a store or farmer's market to enjoy year long. The pressure canning method is NOT covered in this book. You will learn about pH and food preservation, water bath canning, tracking produce and freezing method.

**Judging Requirements:** Complete all seven activities, take part in at least 2 learning experiences, do at least two leadership/citizenship activities and write a project summary and project review.

**Fair Exhibit:** Display representing the learning experiences of the project and a canned item with project book.

##### HOW DOES YOUR GARDEN GROW? 671

**Guidelines:** Beginning level project is designed for youth with limited or no experience in flower gardening. May be taken two years. Youth are required to complete four activities that guide decision-making and preparation of a flower garden, either in the ground or in containers. Year 2, use a new book to document decisions for a new and different garden. Project Helper needed. Requirements: Complete "Be a Safe Gardener," page 7, all of the project activities (choose 4a, 4b, or both), and the garden guidelines for either the first year or the second year. Keep a photo journal of your garden as you start and continue with the plantings. Plan and complete at least 2 learning experiences. Plan and complete at least 2 leadership/citizenship activities. Take part in a project summary and project review within the club and county project judging.

**Judging Requirements:** Bring completed book, photo journal or poster, and cut flowers.

**Fair Exhibit:** Project Book and flower arrangement.

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### Edible & Vegetable Gardening

#### EDIBLE LANDSCAPES 673

**Guidelines:** Beginner Level youth of any age can learn to grow edible plants. Add edibles to the current landscape, swap existing plants for edible plants, create a new garden, or do all three! The activities guide you as you complete a site evaluation, plan which edible plants to use, plant and nurture them, and enjoy the fruits and vegetables as they ripen.

**Judging Requirements:** Bring your completed project book and a poster exhibiting pictures of the procedures you took to complete the project. Complete all activities. Complete 2 learning experiences. Become involved in at least 2 leadership/citizenship activities. Complete a project review. Take pictures of your garden's growth. Bring (3) samples of the edible plants you grew. If your fruits, vegetables, and/or herbs are not harvest ready, bring one sample of each of your growing crop(s) or photos of your crop.

**Fair Exhibit:** Poster.

#### GROW YOUR OWN VEGETABLES 691

**Guidelines:** Beginner Level. For all members with an interest in growing their own vegetables. You need access to an outdoor space with full sun (at least 6 hours), even if it's just a patio where you can grow vegetables in containers. An actual garden space in the ground is ideal! May be repeated with different kinds of plants and fresh designs used each year.

**Judging Requirements:** Bring your completed project book and a poster exhibiting pictures of the procedures you took to complete the project. Complete all 11 activities each year. Complete all of the Talking It Over questions each year. Complete 2 learning experiences. Become involved in at least 2 leadership/citizenship activities. Complete a project review each year. Take pictures of your garden's growth.

Bring (3) of each type of vegetable ready for harvest. (CLEAN THEM!) If your vegetables are not harvest ready, bring one sample of each of your growing crop(s) or photos of your crop.

**Fair Exhibit:** Poster.

#### GROWING WITH THE SEASONS 692

**Guidelines:** Intermediate Level. Take your garden to the next level with easy to implement intensive gardening methods that use available space and the entire gardening season. Having a garden is special, being able to save and share its bounty is good too! Complete the Grow Your Own Vegetables project first. Complete all interest areas, all Talking It Over questions, at least 2 learning experiences, at least 2 leadership/citizenship activities, and a project review.

**Judging Requirements:** Bring your completed project book and a poster exhibiting pictures of the procedures you took to complete the project. Bring (3) of each type of vegetable that is ready for harvest, cleaned please. If your vegetables are not harvest ready, bring one sample of each of your growing crop(s) or photos of your crop.

**Fair Exhibit:** Poster