

# Boy Scout Nature Crafts and Outdoor Activities

## Plant Science Merit Badge

Acorn Naturalists specializes in resources that enhance Boy Scout experiences, including nature crafts, campfire activities, outdoor skill development, nature lore knowledge, camp nature craft activity kits, and many other fun resources for scout patch and award programs. Boy Scouts, patrol leaders and outdoor education and service leaders are encouraged to visit our online or “bricks and mortar” store, each filled with activities that supplement Boy Scout programs and activities. Watch interest in nature and outdoor education grow while your scouts enjoy the great outdoors, all the while earning their scout patches and awards.

The resources listed below can easily be found on the Acorn Naturalists website. When visiting [acornnaturalists.com](http://acornnaturalists.com) simply type in all or part of resource name into the search field located on every web page. You can then easily order online using our secure order form, or simply call us directly at (800) 422-8886. If you are in the area, visit us in person at our store (155 El Camino Real, Tustin, California 92780), or call to request our 200 page print catalog describing over 8000 hands-on education resources. We look forward to helping Boy Scouts achieve a high level of adventure, education and outdoor learning while developing valuable skills and, of course, having a lot of fun.

This resource list has been developed by educators familiar with Boy Scout handbook, fieldbook, merit badge and award requirements, and is offered to enhance and enrich Boy Scout education activities described in those resources. Specific learning resources should be selected based on local environments and interests as they complement official Boy Scout programs, projects, patches, awards and activities.

### Requirement 1

Audubon Field Guide to Eastern (#FG-2377) and Western (#FG-2380) Wildflowers

Audubon Pocket Guide to Eastern (#FG-652) and Western (#FG-651) Flowers

Basic Drawing Kit (#KIT-9460)

Complete Drawing Pencil Kit (#KIT-6148)

Eyewitness Plant DVD (#DVD-14802), and Book (#BP-13390)

Fandex Wildflower Guide (#FG-8480)

Golden Field Guide to Wildflowers of North America (#FG-6259)

Golden Guide to Wildflowers (#FG-2395) and Weeds (#FG-2414)

Learn to Draw Kit (#KIT-8096)

Nature Finder Guides to Flowers of Different Regions

Painting Flowers in Watercolor (#B-13026)  
Painting Plant Portraits (#BP-10123)  
Peterson Field Guide to Pacific States Wildflowers (#FG-2333)  
Peterson Field Guide to Southwest & Texas Wildflowers (#FG-2339)  
Peterson Field Guide to Wildflowers (#FG-2347)  
Peterson First Guide to Wildflowers (#FG-2362)  
Peterson Wildflowers Coloring Book (#B-12347)  
Plant Identification Card Deck: Eastern (#BP-6383) and Western (#BP-6384)  
Plants, 2,400 Copyright-Free Illustrations of Flowers, Trees, Fruits and Vegetables (#B-7007)  
Take-Along Guide to Wildflowers, Blooms and Blossoms (#BP-7240)  
The Sketchbook Kit, An Artist's Guide to Materials, Techniques and Projects (#KIT-10166)  
UC Press Field Guides:  
    California Plant Life (#FG-13558), California Spring Wildflowers (#FG-13562) and  
    Plant Life of Southern California (#FG-13567)  
Watercolor Pencil Techniques Kit (#KIT-8097)  
Wildflower Identification Guide (#T-11217)  
Wildflowers CD-ROM and Book (#B-13057)  
Wildflowers Knowledge Cards (#G-50806)

## **Requirement 2**

Resources Listed in Requirement 1  
Dyes from American Native Plants (#B-13461)  
Keepers of Life (#NAT-3016)  
Plants and the Cherokee DVD (#DVD-13480)  
The Nature Friendly Garden (#BP-14345)  
The Wild Seed Game (#G-7245)

## **Requirement 3**

Resources Listed in Requirement 1  
Pocket Naturalist Laminated Guide to Invasive Plants of Western North America (#FG-1225)  
Nature's Services (#EE-8011)  
Seed Germination and Plant Growth Kit (#KIT-9514)  
Slugs, Bugs and Salamanders (#B-8322)  
Soil Science Simplified (#B-4182)  
Soil Texture Test Kit (#TEST-4185)  
The Biology And Chemistry of Soil Lab (#KIT-14325)  
The Forgotten Pollinators (#INV-5199)

## **Requirement 4**

Plant Growth Viewing Chamber (#T-6387)  
Seed Germination and Plant Growth Kit (#KIT-9514)

## **Requirement 5**

Audubon Society Pocket Guide to Eastern (#FG-652) and Western (#FG-651) Flowers  
Audubon Society Pocket Guide to Eastern(#FG-654) and Western (#FG-655) Trees  
Common Plants of Eaton County CD-ROM {In Store} (#STO-51361)  
Golden Field Guide to Trees of North America (#FG-6258)  
Golden Field Guide to Wildflowers of North America (#FG-6259)  
Golden Guide to Trees (#FG-2410), Weeds (#FG-2414), and Wildflowers (#FG-2395)  
Growing California Native Plants {In Store} (#STO-50512)  
Invasive Ecology: Student (#B-11017) and Teacher 's Edition (#B-11059)  
Invasive Plants, Guide to the Identification, Impact and Control (#B-15125)  
Mac's California Wildflowers Guide (#T-51024)  
National Audubon Regional Field Guide Series  
National Audubon Society Field Guide to Eastern (#FG-2377) and Western (#FG-2378) Trees  
National Audubon Society Field Guide to Eastern (#FG-2379) & Western (#FG-2380) Wildflowers  
Native Shrubs of California (#BP-50544)  
Native Treasures {In Store} (#STO-53444)  
Nature Finder Guides  
Newcomb's Wildflower Guide (#FG-6264)  
Orange County Native Plants for Butterflies and Hummingbirds {In Store} (#STO-51721)  
Peterson Field Guides  
Pocket Naturalist Guide to Invasive Plants of Western North America (#FG-12255)  
Pocket Naturalist Laminated Guides  
Roadside Plants of Southern California {In Store} (#STO-50506)  
San Diego County Native Plants {In Store} (#STO-51719)  
Southern California Wilderness Plant I.D. Guide {In Store} (#STO-50890)  
University of California Field Guides:  
    California Plant Life (#FG-13558), California Spring Wildflowers (#FG-13562), and  
    Plant Life of Southern California (#FG-13567)  
Weeds of the West {In Store} (#STO-52613)  
Wild Lilies, Irises, and Grasses of Southern California {In Store} (#STO-51669)  
Wildflowers of the Sierra Nevada {In Store} (#STO-52330)

## **Requirement 7**

### **Option 1: Agronomy**

Beyond the Bean Seed (#BP-5179)  
Commercial Grains Display (#T-12811)  
Crop Identification Kit (#KIT-8451)  
French Fries and the Food System (#BP-10295)  
Garden Genetics: Student (#BP-15218) and Teacher (#BP-15217) Editions  
Garden Insects Identification Guide (#T-11119)  
Glass-Topped Display Cases ( Many Sizes Available)  
Grasses, An Identification Guide (#BP-6377)  
Healthy Foods from Healthy Soils (#BP-12323)  
Manual of the Grasses of the United States and Canada (#BP-4173)  
North American Food Crops Displays (#T-14342)  
Slugs, Bugs and Salamanders (#B-8322)

## Option 2: Horticulture

### Resources Listed in Requirement 1

Audubon Field Guide to Eastern (#FG-2377) and Western (#FG-2380) Trees  
Audubon Pocket Guide to Eastern (#FG-654) and Western (#FG-655)  
Discover Nature in the Garden, Things to Know and Things to Do (#BP-5173)  
Fern Life Cycle Display (#T-12807)  
Fruit Types Display (#T-12810)  
Garden-opoly (#G-14727)  
Golden Field Guide to Trees of North America (#FG-6258)  
Golden Guide to Trees (#FG-5410)  
Landscaping for Wildlife (#B-6370)  
Leaf Venation Display (#T-12804)  
Leaves and Seeds of Common Native Trees (#T-14331)  
Monocot and Dicot Characteristics Display (#T-12806)  
Mulch It! A Practical Guide to Using Mulch in the Garden (#B-5184)  
National Geographic Field Guide to Trees of North America (#BP-14482)  
Newcomb's Wildflower Guide (#BP-6264)  
Peterson Field Guide to Eastern (#FG-2320) and Western (#FG-2346) Trees  
Peterson First Guide to Trees (#FG-2361)  
Peterson Flash Guide to Trees (#FG-5099)  
Plant Life Cycle Lab (#KIT-13235)  
Pocket Naturalist Field Guides:  
    California Trees & Wildflowers (#FG-12244), Great Lakes Trees & Wildflowers  
    (#FG-12252), New England Trees & Wildflowers (#FG-12257), Rocky Mountain  
    Trees & Wildflowers (#FG-12268), and Trees (#FG-12273).  
Readers Digest Field Guide to Trees and Nonflowering Plants of North America (#FG-9364)  
Stem Adaptation Display (#T-12803)  
Sunflower House, A Book for Children and Their Grown-Ups (#BP-10066)  
Take-Along Guide to Berries, Nuts, and Seeds (#BP-5182)  
Take-Along Guide to Trees, Leaves and Bark (#B-5170)  
The Nature Friendly Garden (#BP-14345)  
Tree Finder Guides:  
    Desert (#FG-659), Eastern Spring/Fall (#FG-2514), Eastern Winter (#FG-2515),  
    Rocky Mountains (#FG-251) and Pacific Coast (#FG-658)

## Option 3: Field Botany

### Resources Listed in Requirement 1

Acorn Naturalist Pocket Press (#T-16170)  
Additional Driers, Ventilators and Mounting Cards for Plant Presses  
California Forests & Woodlands {In Store} (#STO-50515)  
Collecting and Preserving Plants (#BP-4170)  
Dichotomous Leaf Key Display (#T-14340)  
Displays Listed from Option 2  
Flowering Plants of the Santa Monica Mountains {In Store} (#STO-51095)  
Glass-Topped Display Cases (Many Sizes Available)  
Growing California Native Plants {In Store} (#STO-50512)  
How a Tree Grows Kit (#KIT-8300)  
In Full View, California Native Plants { In Store } (#STO-51794)  
Invasive Ecology: Student (#B-11017) and Teacher's (#B-11059) Editions

Invasive Plants, Guide to the Identification, Impacts and Control (#B-15125)  
Large Gardener's Press (#T-8112)  
Leaf and Seed Games (#KIT-8302)  
Leaf Collection (#KIT-8299)  
Leaf Identification Kit (#KIT-8297)  
Leaf Replicas  
Leaf Shapes and Arrangements Display (#T-12802)  
Leaves and Seeds from Common Native Trees (#T-14331)  
Life in a Old Growth Forest {Other Ecosystem Titles Available} (#BP-12300)  
Mac's California Wildflower Guide (#T-51024)  
Medium Field Press (#T-119)  
Native Shrubs of Southern California (#BP-50544)  
Pocket Naturalist Guide to Invasive Plants of Western North America (#FG-12255)  
Professional Plant Press (#T-8106)  
Southern California Wilderness Plant I.D. Guide {In Store} (#STO-50890)  
Squashing Flowers, Squeezing Leaves, A Nature Press and Book (#B-50993)  
Tree Identification Kit (#FG-8303)  
Tree Ring Discovery Kit (#KIT-14076)  
Twig Identification Kit (#KIT-8304)  
University of California Field Guides:  
    California Plant Life (#FG-13558), Plant Life of Southern California (#FG-13567),  
    California Trees and Shrubs (#FG-13563), California Soil and Plants (#FG-13787),  
    and California Spring Wildflowers (#FG-13562)  
Wing-Nut Plant Press (#T-16040)

## **Inspirational Resources for the Trail and Classroom<sup>©</sup>**

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