

NEXT GENERATION SCIENCE STANDARDS AND HUNTERDON COUNTY PARKS & RECREATION PROGRAMS

NATURE STUDIES

Parks Program Name	Grade Parks Recommends	NGSS Grade Band Example	Disciplinary Core Ideas	Crosscutting Concepts	Science & Engineering Practices
Seasonal Nature Walk	All Ages	K-2	LS1.A; LS1.C; LS2.A	1. Patterns; 6. Structure & Function	Asking Questions & Defining Problems
Animal Clues	Grade K & up	K-2	LS1.A; LS1.C; LS2.A	1. Patterns; 6. Structure & Function	Asking Questions & Defining Problems
Amazing Adaptations	Grade K & up	3-5	LS1.A; LS1.D; LS4.C	6. Structure & Function; 7. Stability & Change	Asking Questions & Defining Problems
Incredible Insects	Grade 1 & up	3-5	LS1.A; LS1.B; LS1.D; LS2.A	6. Structure & Function	Asking Questions & Defining Problems
Plant Study	Grade 1 & up	3-5	LS1.A; LS1.B; LS1.C	6. Structure & Function	Asking Questions & Defining Problems
Birding	Grade 3 & up	3-5	LS1.A; LS1.C; LS2.D	3. Scale, Proportion, & Quantity; 6. Structure & Function	Developing & Using Models
Pond/Stream Study	Grade 1 & up	3-5	ESS3.C; LS1.A; LS1.B; LS4.C; LS4.D	6. Structure & Function; 7. Stability & Change	Planning & Carrying Out Investigations

ENVIRONMENTAL ISSUES

Parks Program Name	Grade Parks Recommends	NGSS Grade Band Example	Disciplinary Core Ideas	Crosscutting Concepts	Science & Engineering Practices
Recycling	Grade 1 & up	3-5	ESS3.A; ESS3.C; PS1.B	2. Cause & Effect; 5. Energy & Matter	Asking Questions & Defining Problems
Water Issues	Grade 1 & up	3-5	ESS2.C; ESS3.C	2. Cause & Effect; 5. Energy & Matter	Developing & Using Models
Composting for the Home	Grade 3 & up	3-5	ESS3.A; ESS3.C; LS2.A; LS2.B	2. Cause & Effect; 5. Energy & Matter	Asking Questions & Defining Problems

INDOOR EXPLORATIONS

Parks Program Name	Grade Parks Recommends	NGSS Grade Band Example	Disciplinary Core Ideas	Crosscutting Concepts	Science & Engineering Practices
Animal Strategies	All Ages	K-2	LS1.A; LS1.C	1. Patterns; 6. Structure & Function	Developing & Using Models
Reptiles Alive	All Ages	K-2	LS1.A; LS1.C	6. Structure & Function	Asking Questions & Defining Problems
Rocks & Minerals	Grade 3 & up	3-5	ESS1.C; ESS2.A; ESS2.B; ESS3.A	5. Energy & Matter; 7. Stability & Change	Planning & Carrying Out Investigations
Introduction to Birding	Grade 3 & up	6-8	LS1.B	1. Patterns; 6. Structure & Function	Developing & Using Models
Skull Workshop	Grade 2 & up	3-5	LS1.A; LS1.D	1. Patterns; 6. Structure & Function	Planning & Carrying Out Investigations
Scat & Tracks Workshop	Grade 3 & up	3-5	LS1.C; LS2.A	3. Scale, Proportion, & Quantity; 6. Structure & Function	Developing & Using Models
Wings & Feathers Workshop	Grade 3 & up	3-5	LS1.A; LS4.C	1. Patterns; 6. Structure & Function	Developing & Using Models
Nests & Eggs	Grade K & up	3-5	LS1.A; LS1.B	3. Scale, Proportion, & Quantity	Developing & Using Models
Maple Sugar To Go (travelling) & Maple Sugaring (Echo Hill, March)	All Ages	K-2	LS1.A; LS1.C; PS1.B	5. Energy & Matter; 6. Structure & Function	Developing & Using Models

Additional Requestable Programs:

Batty About Bats Lecture; Birds of Hunterdon Lecture; Butterflies & Moths Lecture; Co-Existing with Coyotes Lecture; Herptiles of Hunterdon Lecture; Intro to Warblers Lecture; Mammals of Hunterdon Lecture; Mushrooms & Molds Lecture; New Jersey Black Bears Lecture; Owls of Hunterdon Lecture; Planets of the Inner Solar System Lecture; Planets of the Outer Solar System Lecture; Raptors of Hunterdon Lecture; Trees of Hunterdon Lecture; Waterfowl of Hunterdon Lecture; Wildflower Folklore Lecture; Wildlife of Hunterdon Lecture; Emergency Preparedness; CPR Certification; First Aid Certification; Bike Safety; Orienteering; Geocaching 101; Hiking Knowledge; Backpacking Knowledge; Camping Knowledge; Knife Safety; Camp Tools; Knot Tying; Fire Building; Outdoor Survival; Canoe Clinic; Fishing Clinic; Initiatives & Team Building; Earth-Inspired Crafts; Creating with Clay; Woodworking; and Basketry.

Scheduling: (908) 782-1158 or parks@co.hunterdon.nj.us. (Revised 1/2016.)

View our Group Programs Brochure.