



Palm Beach County

4-H Youth Development



# Lending Library Catalog



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## ANIMAL SCIENCES

### General Animal Sciences

#### **AS – GENERAL ANIMAL SCIENCES**

Animal (AS-RB 001) produced by the Smithsonian Institution. This authoritative volume starts with a clear introduction to the animal world, examining the reasons for the apparently infinite variety of animal forms and the major evolutionary developments. Animal anatomy, life cycles and the principles of classification are explored. This is followed by a superbly illustrated survey of world habitats, showing how animals have adapted to each environment, and the threats that face both wildlife and plants today. The main part of the book, an up-to-date and comprehensive animal catalog, looks in detail at each major group and provides fascinating profiles of over 2,000 individual species.

The Book of Animals (AS-RB 002) A world encyclopedia of amphibians, reptiles, and mammals, with over 500 detailed illustrations. This book concentrates on amphibians, reptiles and mammals, with a section about the diversity of life followed by an encyclopedia of animal species around the world.

Animal Encyclopedia (AS-RB 003) this illustrated *Animal Encyclopedia* is packed with information on the fascinating world of animals. The book is divided into two main sections. The first section, Animal Life, explains how animals behave and fit into their individual habitats. The main A-Z section is a guide to the animals themselves, arranged in easy-to-follow alphabetical order. There is also a glossary of new words and an index to guide you the subject you wish to find.

My Little Library of Farm Animals (AS-RB 004) is a charming collection of 12 miniature books that each covers a different animal that is bound to be found on a farm. These books are great for beginning readers!

All About Animals (AS-RB 005, AS-RB 006, AS-RB 007, AS-RB 008) is a Leader's guide that is produced by Florida 4-H. This curriculum is aimed at educating 5-8 year old youth about the basics of animal science. Youth will begin to learn about the essential components of caring for animals, with a focus on companion animals. The topics include: what is an animal, how animals serve humans, care, health, nutrition, welfare, understanding production animals and animals and the environment. **4 copies available**

The World of Animals (AS-RB 009, AS-RB 010) this curriculum is designed to give 9-11 year old youth a complete look at the world of animals around them. The experiential curriculum teaches life skills through emphasizing proper care and humane treatment of all animals. Topics include: what is an animal, animal care, animal nutrition, harvesting animals, how animals serve humans, animal health, animal welfare, marketing and economics, and how animals affect the environment. Produced by Florida 4-H.

**2 copies available**

Livestock Judging (AS-RB 011, AS-RB 012, AS-RB 013) this leader-led curriculum consists of nine activities which follow a step-by-step process that goes from parts identification to oral reasons and finally, scoring a contest. It is designed around the basic premise that judging activities provide youth with an excellent opportunity to develop communication, decision-making, and organizational skills. Produced by Florida 4-H.

**3 copies available**

Laboratory Exercises for Animal Sciences and Industry (AS-RB 014) written and produced by Kansas State University. This comprehensive book is designed to help prepare youth for judging competitions.

The National Animal ID System (NAIS) Q&A (AS-RB-015) the NAIS is a national program intended to i.d. all agricultural animals and track them as they come into contact with, or are intermixed with, animals other than herdmates from their premises of origin. **50 pamphlets available**

The Rules are Black & White – and they apply to all Breeds (see VHS-004) (AS-RB-016) a guide to making ethical decisions. **6 copies available**

Animal Discovery Cards (GM 004) Join Pooh and his friends as they venture through 30 colorful flashcards and learn all about animals! A great resource for children in the early years of elementary school!

## **Large Animal Projects (Ages 8-18)**

### **BF – BEEF**

A Field Guide to Cows (BF-RB 001) a comprehensive “how-to” guide for identifying and appreciating America’s 52 breeds of cattle.

Your Calf: A Kid’s Guide to Raising and Showing Beef and Dairy Calves (BF-RB 002) this book is a handy reference for any youngster who wants to raise a calf or learn more about cattle – from the young beginner with a bucket calf, to the high school student with a growing herd of cows as a “college fund” investment. This book is written in simple terms so even the beginner or young stockman can understand it. At the same time, it covers a wealth of information that will be useful to any young person with an advanced beef or dairy project.

Beef Learning Lab Kit (LR 001) Quality Assurance & Animal Care. Kit includes: video, educator’s curriculum guide, assembly instructions, situation & task cards, info posters, resource materials set, beef project books, wholesale cuts of beef photos, different breed photos.

### **DA – DAIRY CATTLE**

Moo 2 You (VHS-002) invites you to join Ms. Moo on a dairy adventure to learn about Milk Group foods and how milk & cheese are produced. This is a VHS movie that lasts approximately 14 minutes.

What-Ja-Ma-Call-It? (GM 007) is a game that is designed to help students learn and review the names and locations of the parts of a dairy cow. The game is designed to cover the basic parts common to various breeds of dairy cows.

### **HS – HORSE**

Horse Learning Lab Kit (LR 002, LR 003) this kit includes units on anatomy, breeds, care and management, conformation, equipment, health and nutrition. These popular kits provide the basis for interactive learning experiences. Kit components include: posters with Velcro identification labels, demonstration items, charts and much more! All posters, charts, prints, and situation/task statements are laminated for increased durability with the answer keys on the reverse side. **2 kits available**

Horse Youth Leaders Manual (HS-RB 001) this manual is designed to help horse leaders provide an enjoyable, fun and interesting experience for youth to learn about horses. Each worksheet corresponds to one or more fact sheet(s) in the Horse Industry Handbook. Therefore, leaders are encouraged to use the Horse Industry Handbook as a companion resource.

Horse Industry Handbook: A Guide to Equine Care and Management (HS-RB 002) this comprehensive manual has 13 chapters covering topics such as ownership, selection, facilities and waste management, equine health, foot care, diseases, nutrition and feeding, exercise physiology, genetics, training and business management.

The Ultimate Book of the Horse and Rider (HS-RB 003) was comprehensively written and beautifully illustrated with over 1,200 full-color photographs. This indispensable volume is organized into five discreet sections covering all aspects of horses, riding, and horse care. The five sections are: *Breeds of the World*, *Horse and Pony Care*, *Learning to Ride*, *World of the Horse*, and *Saddlery and Equipment*.

Horses and Ponies (HS-RB 004) is an introductory book that captures the romance and magic of these fascinating creatures. The superb, specially commissioned photographs show the beginner how to approach, care for and exercise a horse or pony, and there are tips on breeds and riding. For the more experienced rider, the book explores the world of pony shows, dressage and eventing. There is something for everyone here. Any child who has ever dreamed of owning a horse will linger on every page!

The Visual Dictionary of the Horse (HS-RB 005) invites you to come explore horses from the inside out! This visual dictionary looks at the anatomy of horses and at horse-related activities and equipment, including the skeleton, muscles, and teeth, horse types, gaits, racing and jumping, saddles, bridles, grooming, and much more.

The World of Horses (HS-RB 006) is for anyone who lives and breathes horses and ponies. Find out how horses behave and how to become friends with a pony; explore a riding school and learn how to groom and tack; read about the legend of Pegasus and about Odin's eight-legged horse; and discover where the term "horsepower" comes from.

Horses (HS-RB 007) is a colorful and comprehensive introductory book for younger youth.

Arabian Horses (HS-RB 008) is for everyone who has ever dreamed about having a horse for a pet! Discover important facts about these beautiful animals and how to properly care for them.

Horse Care Fast Facts (HS-RB 009) was produced by EQUUS magazine in response to the persistent demand for answers to some serious questions about horse care. This book presents reliable information in a question-and-answer format. Throughout the pages of *Fast Facts*, you'll discover intriguing insights and practical advice that will help you to: provide your horse with the best possible care, day in and day out; safeguard his health with routine maintenance; recognize the telling signs of illness and disease; and respond quickly and effectively in health-care crisis with first-aid basics.

University of Florida Judging Manual (HS-RB 010, HS-RB 011, HS-RB 012) was designed to be a useful resource for individuals who wish to develop their judging skills, regardless of competition level. This booklet includes rules, terms, and example sets of reasons. **3 copies available**

4-H Guide: Training Horses (HS-RB 013, HS-RB 014) offers a step-by-step basic training techniques and how to properly saddle and safely ride your horse. Includes selecting and caring for your horse, creating groundwork and learning to read your horse, proper saddling and riding techniques, and desensitizing your horse and much more. **2 copies available**

Equine Science: Basic Knowledge for Horse People of all Ages (HS-RB 015) offers an excellent source of reliable info about equines. An animal-science-based textbook about equines that will meet the needs of the youth horse audience and the horse owner.

The Black Stallion (HS-RB 016) Story book about young Alec Ramsay who 1<sup>st</sup> saw the Black Stallion when his ship docked at a small Arabian port on the Red Sea. The Black was a giant of a horse—all muscle, all power, all beauty...

Little Black, a Pony (HS-RB 017) Story book for the young reader (5-7). a child who loves ponies will lose his heart to Little Black, a little pony.

Little Black Goes to the Circus! (HS-RB 018) story book for the young reader (5-7).

Your Pony, Your Horse (HS-RB 019) a Kid's Guide to Care & Enjoyment

Riding for Kids (HS-RB 020) this book is for young people who are starting their riding careers

Interactive Horse Judging: A Dynamic New Approach to Horse Evaluation (CD-006) is a CD that contains three chapters with an orientation on the fundamentals of horse judging. At the end of each section within each chapter, there is an interactive quiz that allows you to test your knowledge.

Horse Course (CD 003, CD 004, CD 005) this CD is packed with great resources from Horse Daily Planner Publications. This CD is Version 2.0 and works with Windows 95 or 98. **3 copies available**

Hunter Hack (DVD - 007, DVD - 008, DVD - 009, DVD - 010) is an interactive DVD produced by the Kansas State University. This interactive DVD allows the user to learn about judging Hunter Hack. The DVD is great teaching tool for judging coaches and is an excellent learning aid for beginner to advanced judges.

**4 copies available**

## **LL – LLAMAS AND ALPACAS**

### **SW – SWINE**

Swine Learning Lab Kit (LR 004) is a great hands-on tool for teaching youth about swine! This kit includes units on anatomy, breeds, care and management, conformation, equipment, and health and nutrition. Kit components include posters, labels, statements, demonstration items, and charts. All posters, charts, prints, and situation/task statements are laminated for increased durability with answer keys on the reverse side.

## **Small Animals and Pets**

### **PT4 – BIRDS**

Encyclopedia of Birds (BD-RB 001) is a comprehensive illustrated guide by international experts.

### **DG – DOG**

97 Ways to Make a Dog Smile (DG-RB 001) is a picture book full of tips on how to handle dogs, focusing on how to make them comfortable and happy.

4-H Guide: Dog Training & Dog Tricks (DG-RB 002, DG-RB 003) strengthen the bond between you and your dog. Step-by-step training methods; show advice and suggestions; basic sit, down, and come commands; retrieve, rollover, dance – and more. **2 books available**

Dog Learning Lab Kit (LR 005, LR 006) is a great hands-on tool for teaching youth all about dogs! This kit includes units on anatomy, breeds, equipment, handling and restraint, health, and grooming and housing. These popular kits provide the basis for interactive learning experiences. Kit components include posters, labels, statements, demonstration items, and charts. All posters, charts, prints, and situation/task statements are laminated for increased durability with answer keys on the reverse side. **2 kits available**

## **PO – POULTRY**

Storey's Guide to Raising Chickens (PO-RB 001) is packed full of everything you need to know to raise one chicken or one hundred! From starting your own backyard flock to putting eggs on the table, this guide gives you easy-to-understand advice every step of the way. You'll learn how to: choose the right breed; care for chicks; build feeders and shelters; collect and store eggs; maintain good flock health; raise broilers for meat; and show your chickens.



Storey's Guide to Raising Poultry (PO-RB 002) is the best advice on raising chickens, turkeys, waterfowl, and game birds! This guide is an invaluable resource for everyone who raises poultry. It contains the most comprehensive and current information available on: selecting birds for meat or egg production; housing and equipment; home processing of eggs and poultry; flock health; and brooding and rearing.

4-H Guide: Raising Chickens (PO-RB 004, PO-RB 005) offers all aspects of raising chickens for youth of any age. Includes selecting a breed and acquiring birds, basic chicken management, feed and housing requirements, and show advice and suggestions. **2 books available**

American Standard of Perfection / American Poultry Assoc 2001 (PO-RB 006) was produced by the American Poultry Association. This book is 372-page guide that includes colorful bird identifications, a glossary of technical terms, figures, interpretation of standard, cutting for defects, and disqualifications. This is a must-have guide for anyone interested in showing poultry!

### **RA – RABBITS**

American Standard of Perfection: Standard Bred Rabbits and Cavies 2001-2005 (RA-RB 001) was published by the American Rabbit Breeders Association, Inc. The *Standard of Perfection* is published as a guide for the established breeder and the beginner. Within these pages are laid out the descriptions for ideals in rabbits and cavies. The *Standard of Perfection* provides the guide for evaluating rabbits and cavies on the judging table, as well as serving as a guide for the breeding of top quality show animals.

Storey's Guide to Raising Rabbits (RA-RB 002) is the most comprehensive and up-to-date reference available! This guide tells you everything you need to know to raise rabbits successfully. Packed with practical information, this book covers every aspect of rabbit raising, including: best breeds; feeding and management; showing and selling; housing facilities and sanitation; marketing; and disease, parasite, and predator control.

## **COMMUNICATION ARTS AND SCIENCES**

### **LA – LEISURE ARTS**

A Palette of Fun (LA-RB 001, LA-RB 002) youth will have many artistic experiences with *A Palette of Fun with Arts and Crafts*. All activities will focus on teaching the elements and principles of art and developing skills for a lifetime. Children will learn art through cutting and pasting, painting, sculpting, drawing, printing, construction with fibers and other materials. This curriculum connects the art experience to careers, culture, science, technology, and more! **2 copies available**

Learn and Play in the Garden (LA-RB 003) is a colorful and educational book that offers projects for each season. From digging your own vegetable patch in the spring, to creating beautiful autumn art, to playing exciting games, each activity is explained clearly. Children are told exactly what they will need. This book was written for elementary age children.

Kid Style: Nature Crafts (LA-RB 004) is packed with 50 creative projects, each illustrated in full color, and loads of fascinating facts, promising a great time while exploring the wonders of nature.

Plant Fun: Crafts and Games for All Ages (LA-RB 005) has 33 projects and crafts in an easy how-to workbook format. Each project is different, yet all spotlight aspects from the special connection between humans and plants. The crafts and games in this book are designed for people of all ages and artistic abilities. They can be enjoyed in any setting – from the hospital and nursing home to school and club, in a family or by an individual looking for an artistic outlet.

The Colossal Book of Crafts for Kids & Their Families (LA-RB 006) is a treasure trove of creative projects for hours of family fun! This book contains: 247 projects using easily found natural and household materials;

step-by-step easy-to-follow instructions for making a piñata, a rocket ship, a popcorn painting, an egg village, and much more; drawings to illustrate each activity; two full-length plays to perform; and simple techniques for stenciling, sculpting, beading, and quilting.

Fabric Painting (LA-RB 007) caters specifically to beginners with clear explanatory notes on applying paint and colorful, easy-to-follow projects that include a whole range of techniques such as sponging, stenciling, masking, and even printing with vegetables, leaves, and flowers. Learn also how to use the different types of paint – puff, glitter, and pearly – to striking effect. Many of the projects include alternative ways of decorating the same item to encourage you to use your imagination.

Tie-Dyeing (LA-RB 008) is a great book with fifteen projects, designed specifically with beginners in mind, show just how to transform everyday items using some 14 innovative and original techniques. There is a vast range of colors available, and almost any objects can be used to great effect, from marbles and pebbles to buttons and bottle tops. Use string, elastic bands, gardening twine, or embroidery thread to bind them, or secure the fabric with clothes pegs and paper clips. A multitude of patterns can be produced with the simplest of methods; let your imagination guide you!

4-H Guide: Digital Photography (LA-RB 009, LA-RB 010) leap from film to digital with this learning guide. Tips and techniques in clear language for any photographer of any skill or age to follow and master. Includes the basics of good photography, lighting and exposure, managing digital files, file types and resolution.

**2 books available**

Masks and Face Coverings (VHS - 028) is part of a series by the American Craft Museum. These works reveal the skill, imagination, and vitality characteristic of contemporary craft and show the breadth of object-making from unique personal statements to pieces made for a special function. This is a VHS with an approximate run time of 18 minutes.

## **ENVIRONMENTAL EDUCATION**

### **EE – ENVIRONMENTAL EDUCATION**

GreenWorks! Connecting Community Action and Service Learning Guide (EE-RB 001) is for Project Learning Tree (PLT) teachers (Pre-K – 12) who are interested in carrying out an environmental action project with a class or club. The GreenWorks! guide is a useful and informative tool that will assist you in all stages of your project, from assessing the needs of your community to evaluating the results of your community action project.

Project Learning Tree: Environmental Education Activity Guide Pre-K – 8 (EE-RB 002, EE-RB 003) Project Learning Tree (PLT) is widely recognized as one of the premier environmental education programs in the world. Through hands-on, interdisciplinary activities, PLT provides students, in grades PreK – 12, with opportunities to investigate environmental issues and encourages them to make informed, responsible decisions. **2 copies available**

The Changing Forest: Forest Ecology (EE-RB 004) is a secondary environmental education program produced by Project Learning Tree (PLT). This program focuses on developing students' critical thinking skills. The activities in this module do not seek to teach students what to think about the environment, but how to think about complex environmental issues. PLT's activities will help prepare students to make decisions about our environment.

Cycling Back to Nature with Biodegradable Polymers (EE-RB 005, EE-RB 006) is an environmental sourcebook of activities addressing the environment influence of natural products, manufactured products, and by-products on the earth's natural cycle. **2 copies available**

Cycling Back to Nature: Soils Alive! (EE-RB 007) the materials contained in this guide are for use with youth ages ten and older. They are designed to stimulate a sense of stewardship for the environment through group discussion, role playing, experimentation, demonstration, and simulation. Most require easily attainable materials and minimal amount of preparation time, making them ideal for volunteer leaders with limited resources.

Mud, Muck and other Wonderful Things (EE-RB 008, EE-RB 009) is an environmental curriculum for five- to eight-year olds. This curriculum is arranged into seven chapters. Each generally builds upon knowledge from the previous chapters. **2 copies available**

Earth Connections: Leader's Guide (EE-RB 010, EE-RB 011, EE-RB 018, EE-RB 019) was designed to be used with youth ages 9-11. This curriculum contains a complete, easy-to-read outline for the lessons. Each lesson provides a variety of activities that can be conducted depending upon the time frame devoted to this project. The lessons conclude with discussions questions for youth to reflect and apply. **4 copies available**

Going Places, Making Choices (EE-RB 012, EE-RB 013, EE-RB 014, EE-RB 015) is a curriculum that was designed for grades 9-12 that focuses on transportation and the environment. **4 copies available**

Soil, Water, and Land Use: I. Understanding Pesticide Interaction (EE-RB 016) is a soil and water education kit for ages 15-18. This project uses computer software to teach high school students about soil properties and the effects of pesticide use. Youth will learn how to make responsible and informed decisions about issues and their impact on the environment.

Soil, Water, and Land Use: II. Understanding Nitrogen Interaction (EE-RB 017) is a soil and water education project kit for ages 15-18. This curriculum explores the importance of nitrogen to life and its implications for water quality.

Energizing Your Future with Energy, Economics, and the Environment! (EE-RB 020) this guide will help you teach youth about the interactions among energy, economics, and the environment. It is intended to help reinforce concepts and give youth additional opportunities for making discoveries on their own.

## **EN – ENTOMOLOGY**

The Wonderful World of Wigglers (EN-RB 001) is designed for curious children with stories and activities through which youth explore the mysteries of the mighty earthworm. This book emphasizes the critical relationship between earthworms, the health of the soil, and sustainability. This guidebook is divided into nine chapters, each of which investigates the earthworm and its place in the world.

Insects (EN-RB 002) is a pocket-sized reference book that is systematically organized for easy access to information. This book also contains diagrams, charts, maps, a glossary, and an index.

Florida's Fabulous Butterflies (EN-RB 003) is a colorful picture book that gives a great overview of Florida's butterflies. Also includes a chapter on moths.

The ABC's of Entomology (EN-RB 004, EN-RB 005) each of the seven lessons begin with an introduction that provides background information for the leader/teacher and helps to organize activities for the participants. The background information provided addresses the important concepts and vocabulary covered in the lesson activities. With this information, the leader/teacher can use the lesson as a unit of study or select activities to supplement other curricula. The lesson activities can be adapted and conducted according to the needs of the participants and time frame devoted to this project. **2 copies available**

Entomology (EN-RB 011) group helper's guide

Entomology – power point: (CD-022)

Creepy Crawlies (EN-RB 016)

What's Bugging You? (EN-RB 017)

Dragons, Houses & Other Flies (EN-RB 018)

The Insectaganza of Excitement Series includes the three youth guides – grades 3-5, 6-8, and 9-12. Each guide includes an achievement program to encourage youth to learn more about entomology while developing important life skills.

Project Butterfly Wings (EN-RB 006) no matter the size of a butterfly, all begin as a small egg, no larger than a pen point. Many changes take place between the egg and butterfly stages, a process called “metamorphosis.”

Project Butterfly Wings (EN-RB 015) youth guide

Leader's Guide **4 copies available** (EN-RB 007, EN-RB 012, EN-RB 013, EN-RB 014)

The Honey Files: (EN-RB 008) biology on honey bees. Teaching guide - grades 4-6.

VCR 001 available

What's the Buzz on Bees? (EN-RB 009, EN-RB 010) Honey bee education program. Lessons for grades K-5.

**2 copies available**

### **FO – FORESTRY**

Trees of North America (FO-RB 001) is guide to field identification. This guide includes: all of North America in one volume; over 730 species in 76 families and 160 range maps; native species and important introduced foreign varieties; text, range maps, and illustrations seen together at a glance; common and scientific names; and convenient measuring rules.

The Pocket Guide to Trees (FO-RB 002) is a great resource that helps us learn about such a valuable renewable resource. The easy to read keys enable novice and experts alike to easily identify trees in all seasons by providing at-a-glance information and colorful, detailed illustrations.

Florida's Fabulous Trees (FO-RB 003) is a colorful guide to the trees that are found native in our state.

### **ME – MARINE/AQUATIC**

Aquatic/Marine Ecosystems (ME-RB 001, ME-RB 002, ME-RB 024) is designed to help 9-14 year old youth understand the role fresh water and marine environments play in our lives and how we as individuals may become better stewards of these environments. This guide includes projects, experiments, games and activity sheets that are needed to conduct activities in an easy-to-use format. Chapters containing: aquatic/marine ecosystem connections, wetland and freshwater marshes/swamps, lakes and rivers, beaches, estuaries, coral reefs, and open water. **3 copies available**

Coastal Hammock & Mangrove Guide (ME-RB 003) shows the common trees, shrubs, and vines in Southeast Florida's Hammock and Mangrove communities.

Coastal Dune Plants (ME-RB 004) shows the common plants of Southeast Florida's ocean-side communities.

Dr. Axelrod's Mini-Atlas of Freshwater Aquarium Fishes (ME-RB 005) contains more than 1800 photos in full color! Don't let the book's name fool you; it is jam-packed with information about aquarium fish!

Ocean Fold-Out Book (ME-RB 006) is a unique guide to the underwater world! The pages fold out to a massive 4.5 feet, revealing more than 40 creatures of the ocean in a spectacular panorama. Youth will learn about different ocean animals and how they survive in the water, and explore the depths of the ocean with the chart on the back.

Whales in the Classroom: Oceanography (ME-RB 007) is a self-paced book for middle school students to work on individually or for an entire class. This book is interdisciplinary and emphasizes language arts, math, problem solving, and drawing.

Fishing Lines (ME-RB 008) is an angler's guide to Florida's marine resources. This guide is great for saltwater anglers who enjoy the recreational pursuit of fishing in Florida's marine waters, and who have a desire for a species identification guide that also has a listing of all current regulations. This guide also provides educational information about the resource including habitat and the various impacts on it; what species are regulated in Florida and why; life history of species; and management measure that have been taken and need to be taken, to protect the resource.

Seashore (ME-RB 009, ME-RB 010, ME-RB 011, ME-RB 012) is an Eyewitness Book that invites you to discover the ecology of the plants and animals that inhabit the coastlines of the world. **4 copies available**

Shell (ME-RB 013, ME-RB 014, ME-RB 015) is an Eyewitness Book that invites you to discover the world of shells and shelled animals through a close-up look at their habitats, behavior, and natural history.

**3 copies available**

Seashells, Crabs, and Sea Stars (ME-RB 016) is a great take-along guide! A wave of inviting information washes ashore with this colorful book. This fun and educational guide helps you find and identify 15 seashells, 5 crabs, and 7 sea stars.

Seashore Animals (ME-RB 017) is a colorful, 31 page book that begins with a basic definition of seashores for youth audiences. Chapters in the book cover subjects such as animals and their habitats, prey and predators, and conservation.

Marine Science Handbook (ME-RB 018) is part of the great *Facts on File* series. This book is broken down into four sections: a glossary, biographies, chronology, and charts and tables.

The Florida Water Story (ME-RB 019) shows step-by-step the journey of water, from rain drops to the sea. Divided into four sections – Oceans, Coral Reefs, Coastlines, and Wetlands – this book shows you who lives on ponds and wet prairies, in swamps and sinkholes, and in the vast Everglades. Discover who lives around the edges of Florida where the land meets the sea. Find out who lives in the oceans around Florida and on the only coral reef in North America.

WOW! The Wonders of Wetlands (ME-RB 020) is a great educator's guide. The activities in this guide are labeled with grade ranges to be used as a guideline, but any activity can be easily adapted or used in part to suit the needs of the students. This guide encourages educators to tie environmental studies to social studies, language, mathematics, and other skills.

Project WILD Aquatic (ME-RB 021) is a curriculum guide for grades K-12. This guide serves as an invitation to explore and understand the fascinating world of water and the aquatic habitats it supports. The goal of Project WILD is to assist learners of any age in developing awareness, knowledge, skills and commitment resulting in informed decisions, responsible behavior and constructive actions concerning wildlife and the environment.

Explore & Discover the Seashore (ME-RB 022) have all your questions about the seashore answered.

Water Wise Guys (ME-RB 023) is a kit that was developed for youth ages 9-11, to show them that learning about water can be fun! The kit provides simple and inexpensive, yet fun activities that teach youth about major water concepts, including the water cycle, water use and conservation, and water quality.

FINGO (GM 005) is a fun game designed to help children identify different fish varieties. This interactive game is much like the beloved classic BINGO.

### **SF – SPORT FISHING**

Sport Fishing & Aquatic Resources Handbook (SF-RB 001) is a comprehensive guide all about fishing.

Advanced Sport Fishing & Aquatic Resources Handbook (SF-RB 002) builds upon *Sport Fishing & Aquatic Resources Handbook* (SF-RB 001) with more in-depth information for the avid fisher.

### **WL – WILDLIFE**

Woods Walk (WL-RB 001, WL-RB 002) is a great take-along book for family hikes through the woods. Lively and fact-filled, this book shows you how to look beyond your own nose and really see what's going on in the woods. *Woods Walk* is two books in one. It shows you how to use your senses to experience nature, and it's a handy field guide that helps you identify common flora and fauna. **2 copies available**

Project WILD (WL-RB 003, WL-RB 004) Project WILD is an interdisciplinary conservation and environmental education program emphasizing wildlife. The goal of Project WILD is to assist students of any age in developing awareness, knowledge, skills and commitment to result in informed decisions, responsible behavior and constructive actions concerning wildlife and the environment. **2 copies available**

4-H Wildlife Habitat Evaluation Program (WHEP) National Manual (WL-RB 005) is designed to teach youth the fundamentals of wildlife science and management of habitats and populations in both urban and rural settings, and to prepare youth for judging events.

Wildlife Refuge (WL-RB 006) is a fun classroom adventure! In a wildlife refuge, you can see animals hunting for food, building their homes, and defending their territories. Keep quiet and look carefully, and you'll see slithering snakes, fluttering butterflies, diving dolphins, and even bobcats! Come along for a walk in the wild.

Planting a Refuge for Wildlife (WL-RB 007) is a fantastic guide on how to create a backyard habitat for Florida's birds and beasts. In this booklet, you will find proven ways to encourage a broad cross-section of Florida wildlife to visit and live around your home. No matter what your time or financial constraints, you can take some of these simple steps to improve or create a wildlife habitat in your backyard.

Will We Miss Them? (WL-RB 008) is a moving book about endangered species. This book is about some amazing animals that are disappearing from the Earth. Some are becoming scarce because poachers kill them for their horns, tusks, skins, or fur. Others are vanishing because they cannot compete with people for space, water, or food. Will we miss these animals? Can we help save them? The first step is to learn who they are.

The Schoolyard Wildlife Activity Guide (WL-RB 009) is a 285-page guide that includes 35 lessons on exploring small critters in your backyard or schoolyard. Topics include: ant views, weevils and acorns, hitching a ride, caterpillar defenses, mushroom rally, and much more!

Wildlife Judging Manual (WL-RB 010) is a handbook for leaders and older youth. Learning about the world around us helps us to enjoy and understand life. When you learn about the land and wildlife around you, each event in nature begins to take on special meaning, teaching you more about your environment and how you relate to it.

### **WM – WASTE MANAGEMENT**

Organics: A Wasted Resource? (WM-RB 001, WM-RB 002, WM-RB 003) is recommended for use with *Senior* members. This book explains the process of composting, backyard composting, identifying and analyzing social issues and investigations. **3 copies available**

Leader's Edition (WM-RB 004, WM-RB 005) **2 copies available**  
VHS video (VHS 013)

Recycling Adventures! (WM-RB 006, WM-RB 007) is a portion of the 4-H Waste Management curriculum and is designed to help 5-11 year old youths to understand the environmental and economic issues associated with waste. **2 copies available**

## **INDIVIDUAL AND FAMILY RESOURCES**

### **BS – BABYSITTING**

Babysitting Savvy – Leaders Guide (BS- RB 001, BS-RB 002, BS-RB 003) is a great guide full of everything that you need to know to do it right! **3 copies available**

Babysitting Savvy - What you need to know to do it right. (BS-RB 004) is a great guide full of everything that you need to know to do it right!

### **CT – CLOTHING AND TEXTILES**

Sewing Machine Fun! (CT-RB 001) is the first in the *I'll Teach Myself Sewing Series*. The goal of each activity is to have a successful skill building experience and to develop sewing self-confidence. Materials needed are inexpensive and easy to find around the house or wherever sewing fabric or craft supplies are sold.

More Sewing Machine Fun! (CT-RB 002) is the second installment of the *I'll Teach Myself Sewing Series*, with even more projects, puzzles and games! Some are simple and will strengthen the skills learned in *Sewing Machine Fun*. Others will introduce new skills that will make sewing even more fun.

Step into Patchwork (CT-RB 003) is the third book of the *I'll Teach Myself Sewing Series*. This book introduces children to sewing machine patchwork with little adult involvement. The fun step-by-step projects, games, and puzzles use paper and fabric. This allows children to take “one bite at a time” and comfortably gain confidence with each new skill.

Gifts to Give (CT-RB 004) is the final guide in the *I'll Teach Myself Sewing Series*. This book encourages youth to create attractive gifts while learning new sewing skills. Youth can enjoy stitching by hand with a machine.

Fun with Clothes – Leader's Guide (CT-RB 005) is the first level in a series and is designed to help 5-8 year old children understand the basics of Clothing and Textiles. This first level is also available in Spanish – ***Diversión Con La Vestimenta*** (CT-RB 006).

Clothing Capers – Leader's Guide (CT-RB 007) this guide is the second level in the series and is designed for 9-11 year old youth to teach them about the basics of Clothing & Textiles.

Clothes That “Click” – Leader's Guide (CT-RB 008) is the final level of the series and was designed to teach 12-18 year old youths about Clothing & Textiles.

### **CE – CONSUMER EDUCATION**

It All Adds Up (CE-RB 001) is a Leader's Guide that is recommended to be used with teenagers. Each unit consists of a leader's guide and several camera-ready teen sheets. The leader's guide includes an introduction to the unit, a list of expected outcomes or objectives, suggestions for using the material, details on conducting each activity, and recommended supplemental resources to enrich the activities. Activities are planned to expand the students' thinking abilities, especially creative thinking, analysis, and synthesis skills.

Beyond Banquets, Plaques & Pins (CE-RB 002) creative ways to recognize volunteers

Secrets of Motivation (CE-RB 003) how to get & keep volunteers and paid staff!

### **FN – FOODS AND NUTRITION**

Food, Fun, And Fitness (FN-RB 001, FN-RB 002) is a portion of the 4-H Food, Nutrition, and Health curriculum that is designed to help 7-8 year old youth understand the importance of food choices for good health. Through this curriculum, we are particularly interested in helping young people develop a personal eating and fitness plan to impact their overall health. **2 copies available**

4-H Food FUNdamentals (FN-RB 003) is a food, nutrition, and health education curriculum for 9-11 year olds. This guide is particularly interested in helping young people develop a personal eating and fitness plan to impact their overall health.

Celebrate America (FN-RB 004, FN-RB 005, FN-RB 006) is a social studies program for grades 4 and 5. This curriculum provides students with a cross-curricular experience that helps them appreciate the diversity of cultures that makes America great. For many students, a primary interest and a perfect vehicle for learning about the many different cultures in America is the food we all like to eat. This kit includes a teacher's guide and a video. **3 copies available**

Getting Into a Food Mood (FN-RB 007, FN-RB 008, FN-RB 009, FN-RB 010) is a leader's guide that was designed to teach 8-15 year olds (Grades 3-10) about food issues. This guide will help you teach children and youth about where our food comes from, how we view it, and how we are assuring that future populations will be fed. **4 copies available**

Building Better Breakfasts (FN-RB 011) info on the importance of eating breakfast. Ages 5-11.

Food Buying Guide for Child Nutrition Programs (FN-RB 012) it is a big and very important job to plan, purchase, prepare, and serve nourishing meals for the USDA's Child Nutrition Program.

4-H Fun w/Foods (FN-RB 013) a Food, Nutrition & Health Project Guide.

Why Does Popcorn Pop? (FN-RB 014) 201 other fascinating facts about food.

Jump into Foods & Fitness (FN-RB 015) the need to educate children about the importance of making healthy food choices and being physically active.

### **FP – FOOD PREPARATION**

The Lunch Bunch (FP-RB 001) by Kid's Kitchen is a book full of tantalizing, tasty brown bag ideas for junior chefs! Over 30 recipes are included in this book and were chosen to help children master a variety of basic cooking skills, yet there is plenty to offer the more experienced youth. Clear and simple instructions show you how to get started, how to safe in the kitchen, and explains those important techniques such as slicing vegetables, whipping cream, and cooking pasta.

Breads for 4-H (FP-RB 002) was created by Red Star Yeast & Products specifically for 4-H youth members. This book provides project leaders, whether experienced or novice bakers, with all the necessary information at their fingertips. Step-by-step instructions, information on yeast, fermentation, grains, gluten, nutrition and suggested activities are included.

Exploring the World of Specialty Breads (FP-RB 003) is a 4-H member manual. This comprehensive guide consists of six units that covers topics such as: sweet roll dough; flatbreads; hold it in the freezer; sourdough bread; microwave and food processor breads; and a project summary.



Bread Baking Basics (FP-RB 004) is a 4-H leader guide. There are eight units within this guide that are broken down into 5 different sections. These various parts include discussion material and follow-up activities and experiments that are intended to spark your creativity.

## **HD – HUMAN DEVELOPMENT**

It Takes a Parent (HD-RB-001) how the culture of pushover parenting is hurting our kids – and what to do about it.

Five Minds for the Future (HD-RB-002) we live in a time of vast changes that include accelerating globalization, mounting quantities of info. These changes call for new ways of learning & thinking in school, business, & the professions. Noted psychologist defines the cognitive abilities that will command a premium in the years ahead.

## **HL - HEALTH**

Reading Essentials in Science is a collection short books that offer an in-depth look into different areas of health the scientific research and facts to support information.

The Digestive System (HL-RB 001)

The Heart (HL-RB 002)

How to Be Healthy (HL-RB 003, HL-RB 004, HL-RB 005) **3 copies available**

The Nervous System (HL-RB 006)

Personal Hygiene (HL-RB 007, HL-RB 008, HL-RB 009) **3 copies available**

The Respiratory System (HL-RB 010)

The Skeletal and Muscular Systems (HL-RB 011)

Skin (HL-RB 012)

Muscles (HL-RB 013)

The Circulatory System (HL-RB 014)

The Brain and Nerves (HL-RB 015)

Bones (HL-RB 016)

Health Rocks! (HL-RB 017) is the leader's curriculum for an ambitious project for 8- to 12-year olds. The goal of the program is to bring communities across the United States together to reduce youth tobacco, alcohol, and illicit drug usage.

The Power of Choice (HL-RB 018, HL-RB 019) is a leader's guide to be used with youth ages 11 to 13. The messages and activities found in this curriculum can help guide preteens toward healthier lifestyles. This guide is designed to build skills, motivate, and empower youth to make smarter food and activity choices for a healthier future. **2 copies available**

Fueled for Flight (HL-RB 020, HL-RB 021) is a supplemental education kit that is designed to help 5th and 6th grade students learn math and science skills using the space shuttle as the theme. To relate these skills to their everyday lives, nutrition and exercise are often used to make analogies between key concepts.

**2 copies available**

Franny & Freddy Get Fried w/DVD – American Melanoma Foundation (HL-RB 022 – 030) everyone is at risk of developing skin cancer. **9 copies available**

Handwashing Kit (HL-Kit 001-005) – Handwashing kit with instruction manual for group health education including proper handwashing, food safety, and clean classroom practices. Kit comes with glo-lite, lotion/powder, literature, worksheets, and evaluation. Recommended for classroom use. **5 kits available.**

## CITIZENSHIP AND LEADERSHIP

### CI – CITIZENSHIP

Reading Essentials in Social Studies is a collection of short books that offer an in-depth look into different aspects of the U.S. Government.

The Legislative Branch (CI-RB 001)

State and Local Government (CI-RB 002)

The Judicial Branch (CI-RB 003)

The Executive Branch (CI-RB 004)

Elections and Political Parties (CI-RB 005)

### CS – COMMUNITY DEVELOPMENT AND SERVICE

The Kid's Guide to Service Projects (CS-RB 001, CS-RB-002) has over 500 service ideal for young people who want to make a difference. Pick a topic that interests you – animals, community development, crime fighting, senior. citizens, friendship, hunger, literacy, politics and government, safety, the environment, or something else. Then flip through this book to find ideas for all kinds of service projects, from simple things you can do on your own to large-scale commitments that involve whole communities. Start making a difference today! **2 copies available**

## PLANT SCIENCES

### AG – AGRICULTURE

On The Farm Video Series contains three VHS videos that teach children about farm life. The three titles we have are: ***Summer on the Farm*** (VHS-014), ***Questions on the Farm – Do Pigs Scratch Their Backs*** (VHS-015), and ***Everyday is Earth Day on the Farm*** (VHS-016).

Farming For Kids (VHS-017) is a VHS that lasts approximately 30 minutes.

Citrus Farming For Kids (VHS-018) is a VHS that lasts approximately 30 minutes.

Everything Grows by Raffi (CD-007) is a singable, danceable, lovable collection of music that simply bubbles with delight. This music CD is true family entertainment!

KidSongs (DVD-005) is a DVD full of music video stories about a day at Old MacDonald's Farm! Great for Cloverbuds.

SIM Farm (GM-001) is brought to you by the creators of SimCity. This software can be loaded onto just about any computer.

### GR – GARDENING

Vegetable Gardening in Florida (GR-RB 001, GR-RB 002) is a great paperback book that is packed with colorful photographs and detailed expert advice that describes how to grow abundant vegetables and edible herbs in gardens anywhere in Florida. This book also addresses the challenges of pests and diseases and includes a detailed and illustrated description of all the major and minor crops usually grown in Florida.

**2 copies available**

Introduction to Basic Gardening (GR-RB 003) is a complete visual handbook with 850 illustrations. This book includes all the basic gardening techniques, procedures, and special tips you need to know for simplified, time-saving gardening – easy to understand, easy to use.

Gardening Wizardry for Kids (GR-RB 004) is full of exciting, safe projects for home and school, plus fascinating folklore that will surprise any kid! “Green Thumb Magic for the Great Indoors” has over 300 indoor gardening projects that are sure to excite any young gardener.

Your Florida Guide to Butterfly Gardening (GR-RB 005) is a great guide for the Deep South. This colorful guide shows you how simple it can be to start a butterfly garden today! This book offers a thorough look at Florida’s most important butterflies and the plants they prefer for food, shelter, and egg laying. The guide helps you select plants for a yard where butterflies can live and return year after year.

Available in VHS – (VHS 30, VHS 31) **2 copies available**

What Shall I Grow? (GR-RB 006, GR-RB 007) is an imaginative book for budding gardeners. Easy step-by-step instructions and bright photographs will instantly encourage you to try out your “green-fingers.”

**2 copies available**

4-H Pizza Garden: An Agricultural Adventure (GR-RB 008, GR-RB 009, GR-RB 013) is an exciting educational opportunity. This curriculum was designed for educators to teach young people (grades 3-5) where their food originates by using something children love to eat...PIZZA! The curriculum includes eight lesson topics that provide a foundation for youth to learn about various agricultural products that are used to produce the pizza they often consume. In addition, lessons on nutrition, consumer decision-making and related topics are incorporated to support the interdisciplinary subject matters. **3 copies available**

Exploring Classroom Hydroponics (GR-RB 010, GR-RB 011, GR-RB 012) is a booklet that isn’t quite a detailed “how-to” guide, but instead a synthesis of ideas from people who explore hydroponics with real children in real classrooms. It presents basic hydroponics information along with suggestions for helping students discover concepts on their own, and includes numerous examples of actual classrooms where teachers explore this growing technique with their students. **3 copies available**

Junior Master Gardener Program Curricula youth can investigate plants and the environment through a series of five comprehensive learning curriculums:

Level 1: Wildlife Gardener (GR-RB 014) is designed for grades 3-5 and takes students on a journey to explore gardening basics, wildlife habitat of plants and animal species, and career exploration.

Level 1: Literature in the Garden (GR-RB 015, GR-RB-018, GR-RB-019) engages children in grades 3-5 throughout the powerful garden, and ecology-themed children’s books. It uses six books to inspire learning through outdoor **activities, creative expression and open exploration. 3 copies available**

Level II: Operation Thistle – Plant Growth & Development (GR-RB 016, GR-RB 017) provides in-depth instructions for grades 6-8 on horticulture and botany including life skills and career exploration.

**2 copies available**

#### **LITERATURE IN THE GARDEN STORY BOOKS:**

Brother Eagle, Sister Sky: (GR-RR-001, GR-RR-002, GR-RR-003) – *A message from Chief Seattle:* How can you buy the sky? How can you own the rain and the wind? So began the moving words attributed to a great American Indian chief over 100 years ago. **3 copies available**

Miss Rumphius: (GR-RR-004, GR-RR-005, GR-RR-006) – Once, long ago, Miss Rumphius was a little girl named Alice who lived in a city by the sea. When she grew up, she wanted to travel and see faraway places and then come home to live beside the sea, just as her grandfather had. But there was one thing more she had to do. **3 copies available**

Plantzilla: (GR-RR-007, GR-RR-008, GR-RR-009) – When you give a living thing love, you just never know where it will lead.... **3 copies available**

The Gardener: (GR-RR-010, GR-RR-011, GR-RR-012) – Lydia brings a suitcase full of seeds, plenty of stationery, and a passion for gardening to the big ray city, where she goes to stay with her uncle, a cantankerous baker. **3 copies available**

Tops & Bottoms: (GR-RR-013, GR-RR-014, GR-RR-015) Bear has lots of money and lots of land, and he's lazy. Hare has nothing but a hungry family, and he's smart. **3 copies available**

Westlandia: (GR-RR-016, GR-RR-017, GR-RR-018) – School is over, and having learned that every civilization has a staple food crop, Wesley decides to plan a garden and start his own – civilization, that is. **3 copies available**

The Very Hungry Caterpillar: (GR-RR-019) – Life of a caterpillar

Gardening for Butterflies & Children in South FL: (GR-RR-020, GR-RR-021, GR-RR-022) – Planning a school or neighborhood butterfly garden? You can make it as big or as little as you like. **3 copies available**

Butterflies 1: (GR-RR-023, GR-RR-024) Picture book on larva and adult butterflies. **2 copies available**

Butterflies 2: (GR-RR-025) Picture book on larva and adult butterflies

Crazy About Corn (CD-008) is a CD that is packed with eight games and activities, that will help kids develop skills while learning about the most important native foods of the Americas – corn! Children will discover the basics of science as they explore the importance of corn to our history, culture, and supermarket shelves.

### **PS – PLANT SCIENCE**

Florida's Fabulous Flowers (PS-RB 001) is a full-color photo guide that introduces Florida's common flowers. Also, includes a tool for flower identification and field trip guides.

Your Florida Guide to Shrubs (PS-RB 002) offers great information on selection, establishment, and maintenance. No other book offers such colorful, complete, and reliable information about all aspects of the shrubs and small trees that thrive in the Florida landscape. Written for everyone from the homeowner with limited gardening skills to the landscape professional or property manager, this book guides the reader through the practical steps involved in selecting and maintaining appropriate and healthy shrubs for all landscape uses.

Florida Lawn Handbook (PS-RB 003) provides an environmental approach to the care and maintenance of your lawn. This comprehensive, eco-friendly guide takes the mystery out of proper lawn care and maintenance in Florida. Written in practical language by turf grass experts, this book is completely up-to-date and contains the most recent lawn management information including approved pesticide and fertilizer practices.

Grow Lab (PS-RB 004) is full of activities for growing minds! This guide provides K-8 teachers with creative activities that: use plants to stimulate the scientist in every student; turn students' curiosity about living things into fruitful, relevant learning experiences; explore plant life cycles, from seed to seed; examine plant diversity; and investigate the interdependence of plants, humans, and other living and non-living things; and promotes teamwork!

Your Florida Landscape (PS-RB 005) is a complete guide to planting and maintenance. This book provides current information on how to plant and maintain trees, palms, shrubs, ground covers and vines in the Florida landscape.

Fields of Genes: Making Sense of Biotechnology in Nature (PS-RB 006, PS-RB 007, PS-RB 008, PS-RB 009) is a leader's guide that helps you teach children and youth about the wonders and complexity of life, from the smallest one-celled protozoan to the multi-billion-celled human, in the context of agriculture and biotechnology. It can be used with participants ages 5-18. **4 copies available**

Poisonous Plants of the Southeastern United States (PS-RB 010) is a publication from the Alabama Cooperative Extension system. Poisonous plants cause significant annual losses of money through injury to humans and livestock, this book was designed to help lessen these damages.

Florida's Poisonous Plants, Snakes, & Insects (PS-RB 011) is a short book that might save the life of one you love. This book is a great take-along guide for folks that are doing a lot of outdoor activity in woods or at the park.

Guide to Landscape Palms (PS-RB 012) contains scientific information and color photographs for 102 landscape palms.

Identification & Biology on Non-Native Plants in Florida's Natural Areas (PS-RB 013) is a field guide that is intended as a tool for land managers that covers 62 non-native plant species considered weeds in Florida's natural areas. With descriptions and photographs, the guide provides identification characters of these plants, plus details on their ecological significance, distribution, and life history.

Your Florida Dooryard Citrus Guide (PS-RB 014) is an important resource for anyone thinking about growing citrus trees. No matter where you live in Florida, you can grow your own citrus more easily than almost any other fruit trees.

Plant Biology Science Projects (PS-RB 015) challenges you to learn about seed germination, acid rain, hydroponics, photosynthesis, fertilizers, and much more! This book is full of excellent science projects and ideas for young scientists. All of the projects can be completed with materials that are readily available, and all include lots of possibilities for extension.

Botany: 49 More Science Fair Projects (PS-RB 016) is a rich source of project ideas for teachers, parents, and youth leaders. This book introduces children 8-13 years old to the wonder and complexity of the natural world through worthwhile and environmentally conscious experimentation.

Your Florida Guide to Bedding Plants (PS-RB 017) is a guide to the selection, establishment, and maintenance of your plants. This guide teaches readers how to: design attractive beds with easy-to-follow landscape plans; place and use over 70 bedding plants with the at-a-glance photo reference; garden successfully in coastal areas; prevent and cope with plant pests and diseases; and create hanging baskets, fragrance and cutting gardens.

Plant Connections (PS-RB 018, PS-RB 019) is a Leader's guide to be used with youth in grades 9-11. Both group and individual activities encourage participation and action in all aspects of plant science education. The overall intent of this curriculum is to facilitate learning and to spark creativity in both teachers and youth. **2 copies available**

Scrub Plant Guide (PS-RB 020) is a pocket guide to the common plants of Southern Florida's scrub community.

Flatwoods Plant Guide (PS-RB 021) is a pocket guide to the common plants of Southern Florida's pine Flatwoods community.

## **SCIENCE AND TECHNOLOGY**

### **ST – SCIENCE AND TECHNOLOGY**

The House of Science (ST-RB 001) is a friendly, fantastic place, where science is happening in every room, hallway, and closet, and where even the most common, everyday objects offer a view to a world of wonders! This book is packed with entertaining and enlightening illustrations and written in a clear, uncomplicated style.

Science Workshop (ST-RB 002) provides an excellent introduction to practical application and experimenting – a vital and exciting part of the scientist’s work. The reader follows a carefully planned series of projects and experiments that can be readily made and achieved. Each project is designed to help the understanding of a given science principle, and space is given for bright ideas to help discuss the workings and applications of each project.

150 Nifty Crafts, Magic Tricks, & Scientific Experiments (ST-RB 003) is full of fun activities that are sure to keep children busy for hours. By using simple tools available around your house, as well as from your neighborhood art and hardware stores, you can impress your friends with creative crafts, amaze your family with magic tricks, and experiment with the mysteries of science.

### **AR – AEROSPACE**

Kiteworks (AR-RB 001) invites youth to explore kite building and flying. This book gives designs for about 50 kites, from simple-to-make projects to more challenging, award-winning, dazzling flying sculptures. Also included are easy-to-follow instructions, with over 400 illustrations that cover every step from start to finish.

### **AT – ASTRONOMY**

Astronomy for Every Kid (AT-RB 001) has 101 easy experiments that really work. Now you can discover the answers to many fascinating questions about basic astronomy. In this book, children will learn about the constellations using a shoe box planetarium; they’ll also chart the movement of the stars with nothing but a string, a marker, and a nail.

Space JINGO (GM 006) is a BINGO style game that focuses on space and related topics.

### **BI – BICYCLE**

Don’t Get Stuck: Fix It! (VHS 019, VHS 020, VHS 021, VHS 022 & DVD 002) This VHS/DVD works in conjunction with the Bicycle series that is offered in the Project Book Catalog.

We have **4 copies of the VHS, and 1 copy of the DVD.**

### **EL – ELECTRICITY**

The Power of Electricity (EL-RB 001, EL-RB 002) is designed to help 12-14 year old youth understand the environmental and economic issues associated with energy. This curriculum is particularly interested in helping young people develop a personal environmental ethic and understand each person’s individual impact on energy’s consumption and resource availability. **2 copies available**

Creating Electronic Project Quiz or Game Boards (EL-RB 003). **Several copies available**

## WORKFORCE PREPARATION AND CAREER DEVELOPMENT

### **WP – WORKFORCE PREP**

Rising to the Occasion (WP-RB 001) is a 4-H leader's guide that is designed to aid you to teach children and youth how to make bread and prepare for careers in the food industry. This guide integrates workplace competencies with the art and science of bread making. It is intended to be used with participants' ages 5-18 (grades K-12).

Leading the Way (WP-RB 002, WP-RB 003) is a guide on how to build a workforce preparation effort in your community. This guide is designed to help you ensure that people from all parts of your community actively participate in creating better ways to prepare youth for work. Specifically, it is designed to help you get your community's response up and running. While this guide cannot chart a start-to-finish plan that will fit the unique needs of your community (that's up to you), it will prepare you to bring people together, point them in the right direction and get the ball rolling. **2 copies available**

Pathfinder: Exploring Career and Educational Paths (WP-RB 004) is a book that will help you meet the challenges of a new and changing world. It will help you understand your interests and set goals. *Pathfinder* will help you explore the many career and educational choices that exist. It will help you build plans to reach career and educational goals. It will give you the power to select the right paths for you.

Pathfinder: Exploring Career and Educational Paths Teacher's Guide (WP-RB 005) was written to accompany the student book titled *Pathfinder*. *Pathfinder* assists junior high and high school students in planning their career and related educational paths. This teacher's guide provides group activities, worksheets, assignments, and related materials to assist instructors presenting the *Pathfinder* material in group, class, or individual settings.

Dream Catchers: Developing Career & Educational Awareness in the Intermediate Grades (WP-RB 006, WP-RB 007) will help you consider what is important in your future career, education, and life. It has lots of activities to help you become more aware of important life issues and help you learn the skills needed to plan your future. *Dream Catchers* can easily be used with many academic subjects to enhance reading, logical thinking, written and verbal communication, problem solving, research and many other skills. The activities are clustered into logical groups, but can be used in any order to build specific skills. The high interest and flexible format allow the materials to be used with a variety of ages and student levels. **2 copies available**

Dream Catchers: Reproducible Activity Sheets (WP-RB 008) is a book that provides additional activities for structuring a career awareness program for students in the intermediate grade levels. Designed to support the student book titled *Dream Catchers – Developing Career and Educational Awareness in the Intermediate Grades* (RB 226 & RB 227), it will help you structure individual or class activities that correspond to that book.

Creating Portfolios – For Success in School, Work, and Life (WP-RB 009) is a great tool that shows you how to compile pieces of your life story that may be found buried in your closet, desk, locker, dresser, and/or backpack. A portfolio is a collection of samples that communicate your interests and offer evidence of your talents. You can use your portfolio to show others what you have accomplished, learned, or produced. This book includes: twelve exercises that lead you from brainstorming to collecting samples, from outlining to finalizing; six reproducible worksheets to help you keep track of your progress, evaluate your audience, enrich your descriptions, and more; you'll learn how to create four types of portfolios – student, project, expert, and personal; and you'll even find tips on presenting your portfolio to an audience – and coping with the public speaking jitters!

Heads-On, Hands-On: The Power of Experiential Learning (WP-RB 010, WP-RB 011) is a facilitator's guide that is to be used in conjunction with the *Heads-On, Hands-On* DVD. This guidebook is designed to demonstrate visibly the art and science of experiential learning (facilitating structured learning experiences). It

combines video vignettes with background information, explanations, and suggestions for conducting training workshops. The learning activities provide specific directions to help facilitators lead training workshops in varied settings and for varied audiences. **2 copies available**

Youth Adult Partnerships – National 4-H Council (WP-RB 012) youth citizenship & leadership activities

Unlock Your Leadership Potential (WP-RB 013) the new FL 4-H Individual Development curriculum, SHARING OUR WORLD, recognizes leadership, citizenship, and communication as important skills in the development of young people and for their preparation for the working world. Available: CD 011

## CLUB RESOURCES

Canada (CR-RB 024) History & Culture, Research Skills, Critical Thinking, Writing, Art, Math

Cooperative Sports & Game Book (CR-RB 001) includes over two hundred noncompetitive games for kids and adults! This book is based on the idea that when people play together and not against each other, everyone has more fun. This book include active games for indoors and out, and for players of all ages, sizes, and abilities.

Clouds on the Clothesline & 200 Other Great Games (CR-RB 002) contains seven chapters of games that provide you with a vast variety for all ages, abilities and interests. Many of the games in this book have variations listed; ways in which the game can be slightly altered to produce a new situation of fun and frenzy.

Camp Fire Programs (CR-RB 003, CR-RB 004, CR-RB 005) is a book that has been designed to act as a resource for your preparation of campfire programs. Its theory content should enable you to understand the “why” and “how” of campfires; its songs, games, stunts, and stories will give you a base from which to begin a collection of successful campfire activities. **3 copies available**

75 Icebreakers for Great Gatherings (CR-RB 006) is everything you need to know to bring people together. In this book, quick, fun icebreakers can be used as tools by group leaders, in either professional or social capacities.

The Incredible Indoor Games Book (CR-RB 007) contains 160 group projects, games, and activities, most of which take little or no preparation. The games in this book are both variations of traditional favorites, and brand new games. All of them are simple enough to learn quickly, yet substantial enough that kids will want to play them again and again.

Quicksilver (CR-RB 008) is packed full of adventure games, initiative problems, trust activities and a guide to effective leadership. *Quicksilver* includes ten years’ worth of new ideas: Icebreakers, Warm-Ups, Games, Stunts, Initiatives, Trust Activities, Closures, and more. There’s a plethora of programmatic play in these pages, enough to delight even the most avid game collector.

Silver Bullets (CR-RB 009) is a guide to initiate problems, adventure games and trust activities. The activities in this book have been used effectively by a variety of teachers, counselors, therapists, camp directors and church leaders. All have wanted an effective, engaging way to bring people together to build trust, and to break down artificial barriers between individuals and groups of individuals.

South America Geography Unit (CR-RB 025) Map skills; overview of plants; animals and people; two-sided poster and reproducible pages.

Robert’s Rules of Order (CR-RB 010, CR-RB 015, CR-RB 016, CR-RB 017) is a classic manual of parliamentary procedure. Without sacrificing any of the original detail or content, this volume has been carefully edited to curtail redundancies, eliminate archaic usages, and update vocabulary. **4 copies available**



Guide to Student Fundraising (CR-RB 011) includes 129 ways to raise money. Fundraising offers many opportunities to learn new skills and expand capabilities; it can also be a lot of fun! Whatever size, location, or nature of your group, you can conduct a successful fundraiser if you choose wisely, plan carefully and follow through thoroughly.

Classroom Discipline – Problem Solver (CR-RB 012) is full of ready-to-use techniques and materials for managing all kinds of behavior problems. This practical resource gives teachers at all levels hundreds of tested techniques and guidelines for maintaining control and order in the classroom. These have been developed and refined in the crucible of the modern classroom by teachers just like yourself and are ready to help you solve problems and create the disciplined environment that students and teachers need for effective learning.

¡Que Rico! La Cultura (CR-RB 013, CR-RB 014, CR-RB 018) is a Latino cultural arts guide with bilingual group activities for youth in grades K-8. This curriculum is designed to provide youth experiences that will: help them explore the history and culture of Latin America through art; foster their understanding of culture, both their own and others; encourage appreciation of the differences and similarities of people throughout the world; increase their ability to express themselves through different art media; and enable them to identify examples of Latino art. **2 copies available**

Fundamentals of Instructor Training (CR-RB 019) the American Red Cross

Swimming and Water Safety (CR-RB 020) Water safety education

Florida 4-H – A Century of Youth Success (CR-RB 021) Celebration of the people and the 4-H history from the past 100 years. Relive those precious memories of interesting text complemented with many historic and modern photographs.

Walk This Way! Classroom Hikes to Learning: (CR-RB-022) -- Teaching children anywhere is a challenge. Teaching children without the confines of the classroom can quickly turn to chaos.

Teenagers Tips for Success: (CR-RB-023) – Create a future, achieve your dreams and become very successful

## PERIODICALS

Sea World Education Department Publication Series contains many great magazines packed full of fascinating facts about marine life. These books contain glossaries and hands-on learning activities for different age groups of students.

These titles are Teacher's Guides for grades K-3:

All About Corals & Coral Reefs (MG 001)	All About Seals, Sea Lions, & Walruses (MG 002)
Boney Fishes (MG 003)	Dolphins (MG 004)
Killer Whales (MG 005)	Manatees (MG 006)
Ocean Olympians (MG 007)	Penguins (MG 008)
Shark! (MG 009)	Whales (MG 010)

These titles are Teacher's Guides for grades 4-8:

All About Corals & Coral Reefs (MG 011)	All About Seals, Sea Lions, & Walruses (MG 012)
Boney Fishes (MG 013)	Dolphins (MG 014)
Killer Whales (MG 015)	Manatees (MG 016)
Ocean Olympians (MG 017)	Penguins (MG 018)
Shark! (MG 019)	Whales (MG 020)

Some additional titles we have are:

Sea World Adventures in Education (MG 021)	For grades P-5
All About Sea Turtles (MG 022)	Teacher's Guide for K-8 grades
Saving Our Seas (MG 023)	Teacher's Guide for 6-12 grades
Ocean Olympians (MG 024)	Teacher's Guide for 9-12 grades

These titles are applicable to all ages:

Baleen Whales (MG 025)	Beluga Whales (MG 026)
California Sea Lions (MG 027)	Harbor Seals (MG 028)
Killer Whales (MG 029)	Sea Turtles (MG 030)
Toothed Whales (MG 031)	Walrus (MG 032)

Zoobooks Series These colorful magazines offer introductory information about different animals and their anatomy, different species, habitats, ecology issues, and much more! **2 copies of each**

The titles we have to offer are:

Animal Babies (MG 033, MG 034)	Bears (MG 035, MG 036)
Birds of Prey (MG 037, MG 038)	Dinosaurs (MG 039, MG 040)
Dolphins & Porpoises (MG 041, MG 042)	Elephants (MG 043, MG 044)
Gorillas (MG 045, MG 046)	Sharks (MG 047, MG 048)
Wild Horses (MG 049, MG 050)	Wolves (MG 051, MG 052)

Discovery Channel School: Teachers A-Z Resource Books These colorful magazines are packed full of great information and provide teachers with a variety of classroom tools and easy access to unique teaching ideas and methods. **multiple copies of each**

The titles we have to offer are:

Birds (MG 053, MG 054)	Cells (MG 055, MG 056)
Ecology (MG 057, MG 058)	Evolution (MG 059, MG 060)
Fish & Amphibians (MG 061, MG 062, MG 063)	Forensics (MG 064, MG 065)
Health (MG 066, MG 067)	Human Biology (MG 068, MG 069)
Insects (MG 070, MG 071)	Invertebrates (MG 072, MG 073, MG 074)
Mammals (MG 075, MG 076, MG 077)	Oceans (MG 078)
Plants (MG 079, MG 080)	Protists & Fungi (MG 081, MG 082)
Reptiles (MG 083, MG 084, MG 085)	

On Common Ground – Environmental Stewardship Series is designed to provide challenging activities to help group members enhance their critical thinking skills while gaining knowledge about the listed subject areas. These books are intended for use with participants ages 12-14 (grades 7-9), but can be used with older or younger groups with some adaptation.

The titles we have are:

- Endangered Species (MG 086, MG 087, MG 088, MG 089, MG 090, MG 091, MG 092, MG 093)
- Recreational Trails (MG 094, MG 095)
- Water Quality (MG 096)
- Wetlands (MG 097)