

Academic Standards met by the **Pest Patrol** workbook broken down by Lesson:

Lesson Title	Pg	Grade Level	Academic Standards	Activity description
Pests or Guests	1	4	4.5.4 A	Decide if insects are pests or helpful
		3	10.2.3 E	Mentions cause of asthma
Insect Pests & Pals	2	4	4.5.4 A	Crossword and vocabulary involving pests and non-pests
The Three P's in Action	3	4	4.5.4 A, B & C	Identify predators, parasites and pathogens of common pests
What's a weed?	4	4	3.3.4 A	Mentions needs of plants
		4	4.3.4 C	Some organisms need "weeds" (i.e. monarch butterflies and milkweed)
		4	4.5.4 A, B & C	Identify some weeds and learn how to deal with them
		3	10.2.3 E	Learn about poison Ivy
Dandy... or Not?	5	4	4.5.4 A, B & C	Learning about dandelions: uses for them and how to get rid of them
Green, Green Grass	6	4	4.5.4 A, B & C	What healthy grass needs to prevent crabgrass infestation
The Right Plants in the Right Places	7	4	4.5.4 C	Observe where plants grow locally
		4	4.6.4 A	
		4	4.7.4 A	
Purple Plague	8	4	4.5.4 A, B & C	Purple loosestrife and how to control it
Beware	9	4	4.5.4 A, B & C	Describes milfoil and purple loosestrife
Outsmart Those Pests	10	4	4.5.4 B & C	Use a code to learn pest management techniques

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Keeping Pests from Pestering You	11	4 4	4.5.4 B & C	Techniques to prevent being bothered by pests
Midnight Raiders: Cockroach Invasion	12	4 4 3 3	4.5.4 A 4.5.4 B 10.1.3 E 10.2.3 E	Identifying roaches Why we control roaches Roaches and how they cause asthma and allergies Roaches affect health
Ticked Off!	13	4 3	4.5.4 A & B 10.2.3 E	Learning about ticks and controlling them Ticks carry Lyme disease
Join the Tree Hole Mosquito Patrol!	14	4 4 3	4.5.4 A & B 4.5.4 C 10.2.3 E	Learning about mosquitoes and controlling them Getting rid of mosquito breeding grounds Mosquitoes and West Nile
Mosquito-Eating Machines	14	4	4.5.4 A, B & C	Attracting bats so they will eat mosquitoes
Pests Have Enemies, Too!	16	4	4.5.4 A, B & C	Aphids and ladybugs
What's All the Buzzzz?	17	4 3	4.5.4 C 10.2.3 E	Bees are necessary - pollinators Learn about bees and wasps and how to avoid getting stung
Monster Caterpillar	18	4 3	4.5.4 A 10.2.3 E	Learning about the gypsy moth caterpillar It is an allergen
Wise Up to Worms	19	4 4	4.5.4 B 4.5.4 C	Healthy plants are more resistant to pests Worms help make plants healthy- learn about worms

Lesson Title	Pg	Grade Level	Academic Standards	Activity description
Crazy About Compost	20	4	4.5.4 C	How to use compost instead of chemical fertilizer
Don't Miss Mulch	21	4	4.5.4 B & C	Learn benefits of mulch (i.e. prevents weeds, prevents water loss, etc)
The Web of Life	22	4	4.5.4 A	Learn about food chains
Plan for Pesticide Safety	23	4	4.5.4 B	Learn to be careful with pesticides
		4	4.5.4 C	Think about using pest management instead of chemicals
Modern Pest Patrol	24	4	4.5.4 A, B & C	Review of integrated pest management

Academic Standards for Science and Technology met:

Biological Sciences: **3.3.4 A**

Academic Standards for Environment and Ecology met:

Integrated Pest Management: **4.5.4 A, B & C**

Ecosystems & Their Interactions: **4.6.4 A**

Threatened, Endangered & Extinct Species: **4.7.4 A**

Academic Standards for Health, Safety and Physical Education met:

Concepts of Health: **10.1.3 E**

Healthful Living: **10.2.3 D & E**