

IPM-Related Curricula and Resources for the Classroom

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BugPlay

For grades K through 3. Hands-on experiences with harmless insects help students develop an appreciation for these amazing creatures. Lessons, with accompanying music cassette, include the use of poems, songs, and drawings. Item is no longer available from Addison Wesley Publishing Co. but may be found by searching for ISBN 0201215403.

Environmental Health Science Education (National Institute of Environmental Health Sciences—National Institutes of Health Curricular Material)

Provides educators, students, and scientists with easy access to reliable tools, resources and classroom materials. <<http://www.niehs.nih.gov/health/scied>>

Information for Kids, Students, and Teachers (United States Environmental Protection Agency (U.S. EPA) Office of Pesticide Programs)

This Web site contains many pesticide and bug related activities including pesticide safety bingo, a roach prevention activity Web site for kids, a backyard pest patrol activity book, and ways of learning about IPM around the home. <<https://www.epa.gov/pesticides>>

IPM Curricula Teacher Resources (Clemson University)

IPM curriculum ranging from grades 2 through 7.
<<https://www.clemson.edu/cafls/research/ipm/>>

IPM Curriculum for Grades 9-12 (Bio-Integral Resource Center)

A 200-page book including IPM basics such as monitoring, least-toxic control, insect profiles, study programs, case studies, lab experiments, resource list, and glossary. Designed to be part of a science, chemistry, or biology course with an emphasis on agricultural, horticultural, and garden pests. <<http://www.birc.org/pubrep.htm>>

IPM for Teachers Curriculum (Penn State University IPM Program)

An annual IPM for Teachers summer course is taught at Penn State University Park campus to help teachers learn IPM principles and how to incorporate IPM into their school curriculum. A course packet, including many IPM lessons plans to use in the classroom, is available.
<<https://extension.psu.edu/pests-and-diseases/pest-management-and-education>>

K-12 Recommended Insect-Related Resources (Iowa State University Department of Entomology)

Contains lesson plans, image galleries, and other insect-related resources for the K-12 level.
<<http://www.ent.iastate.edu/list/directory/158/vid/5>>

Legacy of a Pest (Illinois Natural History Survey)

A science, technology, and social studies curriculum guide for understanding and dealing with pest problems. There are over 50 teacher-tested activities dealing with the gypsy moth problem, its life cycle, IPM control strategies, and more. 243 pp.

Available from: Illinois Natural History Survey, 1816 South Oak Street, Champaign, IL 61820 or call (217) 333-6880. <<http://www.inhs.uiuc.edu/resources/howtoorder.html>>

Pest Private Eye (University of Nebraska)

An educational video game that allows children to test their own skills as a pest private eye by learning about pests and IPM tools to solve their own case. The game is available and will work best with the CD version or loaded directly on a hard drive. <<http://schoolipm.unl.edu/pestpi/>>

Teacher's Resources (University of Florida Institute of Food and Agricultural Sciences)

Provides links to various IPM sources for teachers.

<<http://schoolipm.ifas.ufl.edu/teacherresources.htm>>

What's Bugging You? (California Foundation for Agriculture in the Classroom)

Through a variety of activities, students reinforce their skills of reading, writing, designing, investigating, and problem-solving while learning about pest management. Students develop a definition for the word "pest," learn about agricultural pests in a cooperative setting, observe insects in student-made insect observation chambers, learn about the life cycles of certain pests, and create individual and class poems. In a concluding activity, students create an imaginary pest and discuss its hypothetical habitat. <<https://learnaboutag.org/>>

Additional Resources:

The IPM Institute of North America, Inc. provides several sources of IPM curricula and workshop ideas. <http://www.ipminstitute.org/school_biblio.htm#Curricula>

The California Regional Environmental Education Community (CREEC) Network has an online, searchable resource directory including over 1,000 environmental education providers and over 2,000 programs/resources available to educators in California. <<http://www.creec.org/>>