

Entomological Foundation

Fact Sheet

Understanding science is critical in order to make informed decisions and become active in our country's future. The Entomological Foundation is helping to build science literacy by engaging our young people in science through insects. Our work is making a lasting impact on our nation's young people.

EDUCATIONAL MATERIALS

Curricula: Curricula provided by the Entomological Foundation focus on helping youth develop science literacy skills through reading, writing, active hands-on/minds-on activities, and more.



Interactive Youth Website. This self-guided educational website for grades 3 to 5 helps users understand primary areas of entomology related to the characteristics of living organisms, their life cycles, and the relationships between living organisms and the environment. <http://www.cipm.info/entfnd/>

Insect Appreciation Digest, written by F. Tom Turpin. This free educational sourcebook helps educators teach students everything they need to know about insects, from insect biology to insect folklore. The *Digest* is being integrated into science courses in homeschools and classrooms throughout the U.S. <http://www.entfdn.org/freematerials.htm>

Science Projects. Requested by educators, our website contains a collection of science projects that involve insects or that address an entomological question. All projects are doable and exciting for K-12 students, as well as exciting for teachers and families. <http://www.entfdn.org/scienceprojects.php>



Assessments: Educational materials and resources are assessed through a review process involving experts in the field of entomology and related disciplines, as well as educators. This step helps educators, homeschool parents, and volunteer youth leaders identify educational materials and resources that are scientifically accurate and meet the National Science Standards and Entomology Literacy Benchmarks for teaching entomology.



EntDigital Library. Created in partnership with North Carolina State University, Clemson University, and Iowa State University, the EntDigital Library provides one-stop electronic access to high quality entomology educational materials and resources for educators and undergraduate and graduate science and non-science students. Disciplines covered include forensics, medical and veterinary entomology, behavior, ecology, biodiversity, and pest management. <http://www.entlibrary.org/>

Seal of Approval. The Foundation Seal of Approval program ensures that educators are provided reliable guidance to educational materials that meets the National Science Standards and entomology literacy concepts, assists in improving the consistency and quality of an entomology education in grades K-12, and that encourages interdisciplinary teaching by incorporating the study of insects into program areas including science, art, language, and social studies.

TRAINING

Educators working with youth in grades K-12 can attend free training workshops that enable them to create a buzz about learning with their students. Participants experience and take away learning activities that help their students understand the life sciences through insects. Educational activities provided align with the National Science Standards and can be used for all grades, as well as teach educators how to integrate the study of insects into other disciplines including art and reading.

<http://www.entfdn.org/documents/Winter2010EntFdnNewsltrFINALforWeb.pdf>

AWARDS

Scholarships and Fellowships. Financial support is available to assist students in continuing their education in entomology and related disciplines (see the website for Guidelines). http://www.entfdn.org/awards_scholar_fellow.php

Recognition Awards of the Foundation supports recognition awards to students, K-12 teachers, and professional entomologists who make outstanding contributions to the field of entomological research and education. See the website for further information. http://www.entfdn.org/awards_recognition.php

Mini-grant program. Grants, solicited through a call for proposals, may be available to assist educators in creating and delivering experiential learning activities for K-12 children or for training workshops for K-12 educators on how to incorporate insects as teaching tools into a science curriculum. Check the website for current availability of this program. http://www.entfdn.org/awards_request_proposal.php

COMMUNITY OUTREACH

Children and educators throughout North America are provided insect science instructional materials by the Entomological Foundation to help educators and parents teach students about science through insects. Materials include insect posters, activity sheets, insect fact bookmarks, and the *Insect Appreciation Digest*.

ENTOMOLOGICAL FOUNDATION

Established in 1991, the Entomological Foundation is a not-for-profit organization which uses private and public resources to fulfill its mission of “building a future for entomology by educating young people about science through insects.” The Foundation works in partnerships with business and industry, government agencies, education associations, and K-12 educators in creating its programs. Through this team approach, we acquire new ideas and learn how to better meet the needs of educators in increasing society’s science literacy.