

1981

Babies Cry

James Hungerford
Marshalltown Community Schools

Follow this and additional works at: <https://scholarworks.uni.edu/istj>



Part of the [Science and Mathematics Education Commons](#)

Let us know how access to this document benefits you

Copyright © Copyright 1981 by the Iowa Academy of Science

Recommended Citation

Hungerford, James (1981) "Babies Cry," *Iowa Science Teachers Journal*: Vol. 18: No. 1, Article 4.
Available at: <https://scholarworks.uni.edu/istj/vol18/iss1/4>

This Article is brought to you for free and open access by the IAS Journals & Newsletters at UNI ScholarWorks. It has been accepted for inclusion in Iowa Science Teachers Journal by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

Offensive Materials Statement: Materials located in UNI ScholarWorks come from a broad range of sources and time periods. Some of these materials may contain offensive stereotypes, ideas, visuals, or language.

- Shimek, B. 1899. The distribution of forest trees in Iowa. *Proc. Iowa Academy of Science* 7:47-59.
- Shimek, B. 1899. Flora of Lyon County. Iowa. *Geol. Survey, Annual Report*. 10:157-184.
- Shimek, B. 1915, The Plant Geography of the Lake Okoboji Region. *State University of Iowa Laboratories of Natural History, Bul. 7* (2):3-69.
- Shimek, B. 1948. The plant geography of Iowa. *State University of Iowa Studies in Natural History* 18 (4).
- Society of American Foresters, Committee on Forest Types. 1954. *Forest Cover Types of North America (Exclusive of Mexico)*. Washington, D.C.: Society of American Foresters.
- Thorne, Robert F. 1955. The Flora of Johnson County, Iowa. *IA. Academy of Science* V. 62:155-198.
- Thornton, P.L. and J.T. Morgan, 1959. *The Forest resources of Iowa*. Central States Forest Experiment Station Release 22, Columbus, Ohio.
- Van Bruggen, Theodore, 1958. *The Flora of Southcentral Iowa*. Unpub. PH.D. Thesis, State University of Iowa Botany Library, Iowa City, Iowa.

Math Plus Science Equals Engineering

**James Hungerford, Marshalltown Community Schools
Marshalltown, Iowa 50158**

Algebra and geometry are essential courses for all high school students (Sells, 1980). An understanding of these subjects is essential to a multitude of occupations, whether the student is college bound or not.

Pre-college science education and mathematics education should reflect societal concerns with ecology, energy and other social problems. Engineering is one of the main occupations that offers solutions for a vast number of human problems. The engineer of today and tomorrow is faced with a broad range of problems which require a sound science and mathematics background for their solution.

Reference

- Sells, L.W. 1980. Mathematics: The Invisible Filter. *Engineering Education* January Issue. p.26.

Babies Cry

**James Hungerford, Marshalltown Community Schools
Marshalltown, Iowa 50158**

Most girls have intercourse before marriage and 96 percent of girls are sexually active before they seek contraceptive information. One girl in 10 is a mother before her 18th birthday, and the death rate of babies born to mothers under 15 years of age is more than twice the rate for babies born to mothers ages 20-24. Less than half of those who become mothers at ages 13-15 graduate from high school. The average age at which girls can conceive has dropped from 15½ to 14½. School-age children need counseling and special education programs to guide them through this critical time in their lives.

Reference

- Nye, F.I. 1978. *School-age Parenthood* (PM798). Iowa State University Extension Service, Ames, Iowa 50011.