

1981

## Math Plus Science Equals Engineering

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### Recommended Citation

Hungerford, James (1981) "Math Plus Science Equals Engineering," *Iowa Science Teachers Journal*: Vol. 18 : No. 1 , Article 3.

Available at: <https://scholarworks.uni.edu/istj/vol18/iss1/3>

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## **Math Plus Science Equals Engineering**

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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**

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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.

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