

## **Integrating Mathematics, Science, and Language: An Instructional Program Volumes I and II Bundle**

**Authors:** B. J. Mace Matluck, Norma G. Hernandez

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Integrating Mathematics, Science and Language Volumes I and II are curriculum and resource guides to help elementary school teachers design instructional activities to increase the achievement of primary grade students whose first language is Spanish. The strategies, lessons, and activities focus on the acquisition of higher order thinking skills, understanding the relations between mathematics and science concepts, and using language to gain and communicate knowledge and understanding.

Spanish translations are provided for each lessons background information and the formal introductory portions of each lesson cycle.

- [Volume I](#)
- [Volume II](#)

**Integrating Mathematics, Science, and Language (Paso Partners):  
An Instructional Program Volume I (Grades K-1)**



**Authors:** B. J. Mace Matluck, Norma G. Hernandez

**Product ID:** TRNG-10 **Price:** \$26.00  
 • Published: 1993 • 410 pages • Format: print

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Limited English Proficiency schoolchildren face the double challenge of mastering academic subject matter and learning a new language at the same time. To attack the problem of poor mathematics and science achievement among Limited English Proficient Hispanic students in grades K-3, SEDL organized Paso Partners—a partnership of three public schools, an institution of higher education, and SEDL specialists. Paso Partners applies the best emerging strategies and materials for teaching and integrating mathematics, science and language development and helps teachers bring these materials to Hispanic students.

Volume II is also available and covers Grades 2-3

**Grade K (Units and Lesson Plans)**

**Five Senses**

- The Five Senses
- Sight
- Hearing
- Touch
- Smell
- Taste
- Altogether, Now

**Spiders**

- Spiders! Scary or Nice?
- Spiders Have Special Characteristics
- Spiders Catch Prey
- The Spider's Life Cycle
- Spiders Have Natural Enemies
- Spiders Live Everywhere
- Now We Know Spiders

**Dinosaurs**

- Long Ago
- Extinction
- Fossils
- Types of Dinosaurs
- Meat and Plant Eaters
- The Dinosaur's Life Cycle
- Nature and Change

**Grade 1 (Units and Lesson Plans)**

**Plants and Seeds**

- Plants are Living Things
- Using the Sun's Energy
- Flowers, Roots, Stems, and Leaves
- Plants Reproduce
- Pollination - From Flowers to Fruit
- Seeds
- Plants Provide Many Human Needs

**The Human Body**

- Humans Grow and Change
- Our Cells
- The Body
- The Heart
- The Lungs
- The Muscles and Bones
- The Stomach and Intestines
- Liver, Kidneys, Skin
- The Brain
- Reproduction

**Good Health**

- Good Health Equals Good Living
- You Are What You Eat
- Popeye Is Right
- R-S-R for Good Health
- Our Friends - The Suds
- Exercise Is for Life
- Practicing Safety
- The Health Professions