

Pablo Python Looks at Animals

Nationally Validated

Grades K-3



Interdisciplinary, hands-on science curriculum for elementary students:

- Program includes a host of curricular materials to be used in the classroom and at home (e.g., student texts, audio tapes, video, parent handbooks, and unit plans).



Evaluation highlights include:

- Students who show a significant increase in science literacy.
- Teachers spend more time teaching science and are more confident about their science knowledge.
- Administrators verify a positive change in attitudes about and time spent on teaching and learning science.
- Parents verify the increased awareness and interest of their children and themselves in nature and science.

The Program

Pablo Python provides a hands-on life science curriculum combining interdisciplinary classroom activities with the rich resources of community institutions like zoos, aquariums, nature centers, and others. The program teaches fundamental science concepts and observation skills by utilizing a multimedia approach that encourages children to explore the world through all their senses.

The curriculum covers size and shape, textures and patterns, color, sound, locomotion, how animals find and eat their food, and the distinctions between living and nonliving things.

The program can be used as the entire science curriculum or as a supplement to enhance the early childhood curriculum. The program consists of a series of six student books; a teacher's manual; 48 reproducible student activity sheets; an audio tape of animal sounds; a video cassette on animal diversity, growth, and behaviors; a series of six full-color posters; and a parental handbook (English and Spanish versions available). Each student book is devoted to a different science topic. Each topic can be divided into units, with each unit involving two to six lessons. Lessons range from 30 to 90 minutes and include a variety of learning activities. Pablo Python takes into account the wide range of cognitive levels of children and is being used in a variety of settings from California to China to Papua, New Guinea.

Pablo Python is being used in over 4,764 classrooms in 45 states and the District of Columbia as well as over 2,500 classrooms throughout New York State.

Professional Development

Teachers can receive between six hours and five full days of workshop training. Trainings are led by educators from the Bronx Zoo at the zoo or at your school. During these workshops, teachers are introduced to program materials and offered specific ideas and lesson plan suggestions for implementing the program. They also receive extensive background information in science essential to teachers in the early elementary grades.

Costs & Funding Options

The whole kit of curriculum materials costs \$300 and includes the teacher's manual, videotape, audio tape, the book series, activity sheet masters, six posters, and a parent handbook.

Additional costs are associated with training. Please call for details. We will gladly explore with you sources for private funding within your locality and collaborate on writing a proposal.

Learning Standards

English Language Arts: 1) read, write, listen, and speak for information and understanding.
Mathematics, Science and Technology: 2) access, generate, process, and transfer information using appropriate technologies.

Contact

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