

Connecting Learning and Fun

Find out how your child can meet the learning goals set in the Pennsylvania Academic Standards for Science and Technology at:

DA VINCI DISCOVERY CENTER OF SCIENCE &
TECHNOLOGY • DELAWARE CANAL STATE PARK

Want To be Amazed?

Science is a source of wonder, excitement, and fascination for all children.

Exploring, experimenting, and thinking about the world around them gives them skills that last a lifetime.

Best of all, science is all around your family at home, in the community, and at school.

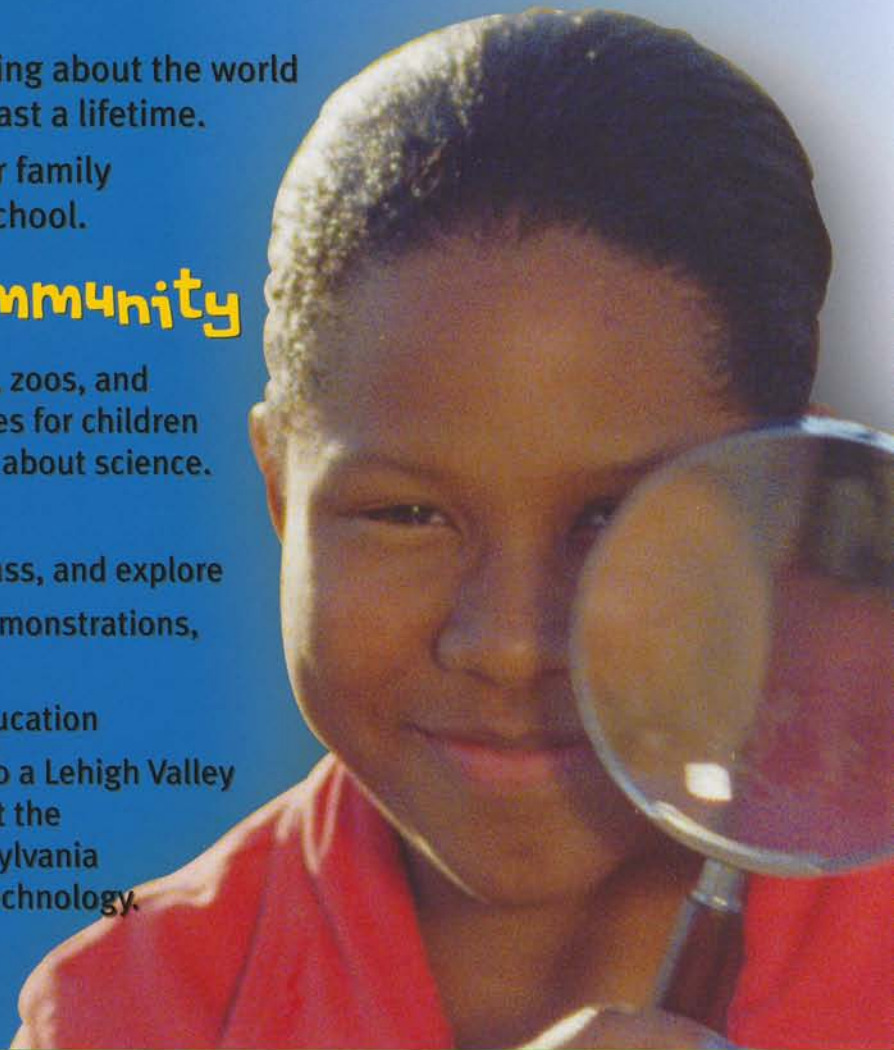
Science in your community

Science and technology centers, parks, zoos, and museums are unique and exciting places for children to learn and develop positive attitudes about science.

They offer:

- Opportunities to ask questions, discuss, and explore
- Neat exhibits, hands-on activities, demonstrations, workshops, and films
- Learning that supports classroom education

Find out some of the ways that a visit to a Lehigh Valley science center can help your child meet the science learning goals set in the Pennsylvania Academic Standards for Science and Technology.



A project of the Partnership for Science Literacy, an initiative of the American Association for the Advancement of Science, with funding from the National Science Foundation, to promote K-12 science literacy for everyone.

Visit us at: www.ScienceEverywhere.org



DA VINCI DISCOVERY CENTER OF SCIENCE & TECHNOLOGY

Pennsylvania Academic Standards are addressed with laboratory workshops and science demonstrations made available for students when they visit the Center and also with Visiting Scientist Laboratories (VSL) presented at the schools by our educators. The *Thrill Ride/Roller Coaster Madness* workshops, for example, and the *Use The Force* VSL help reinforce Science Standards 3.4.4C and 3.4.7C.

Da Vinci Discovery Center of Science & Technology offers a variety of hands-on educational resources that no single district can afford alone. Programs at the Center promote hands-on, inquiry-based learning while helping students meet new state science standards. At the Center, students explore over 100 interactive exhibits demonstrating real-world applications of science and technology. The exhibit floor is divided into areas to align with science standards and reinforce classroom curricula.

Phone: (610) 865-5010 Online: www.discovery-center.org

Da Vinci Discovery Center's **Work Bench** and **Science Playground** exhibit areas help make science come alive for students by allowing them to experience the concepts of energy, forces, and motion. Students are engaged with the use of levers, pulleys, gears, and interactive scales.

These exhibits help reinforce Pennsylvania Science Standards 3.4.4C: "Observe and describe different types of force and motion"; and 3.4.7C: "Identify and explain the principles of force and motion" for students in grades K-8.

Program content is designed to help fulfill state standards in Environment and Ecology (4.1-4.9), Science and Technology (3.2, 3.3, 3.5, 3.8), Geography and History (7.1, 8.1-8.3), and even Health and Physical Education (10.2-10.5).

DELAWARE CANAL STATE PARK

The Delaware Canal State Park complex provides educational opportunities for both educators and their students. Student programming is offered both at the park and in the classroom, and is designed to provide a fun interactive and hands-on learning experience.

Phone: (610) 982-5560 Online: www.dcnr.state.pa.us/stateparks/parks/delawarecanal.aspx

Your family can have many other fun and educational science experiences by visiting the **Jacobsburg Environmental Education Center**, the **Wildlands Conservancy**, and the **Lehigh Valley Zoo**. For more details on these community science resources, check out our Web site at www.ScienceEverywhere.org

About Pennsylvania's state standards: Learning goals in science for students in Pennsylvania are outlined in the Pennsylvania Academic Standards for Science and Technology.

FIND OUT MORE about the Pennsylvania Academic Standards at: www.pde.state.pa.us/stateboard_ed/site/default.asp

Talk to your children's science teachers. See the "10 Questions to Ask Your Child's School" at: www.ScienceEverywhere.org