

With Batson Independent Education, students experience the excitement of:

- Science
- Math
- History
- Art

while learning in their familiar environment.

ABOUT THE CLASSES



Batson Independent Education classes are fun, hands-on experiences that engage students, from preschoolers to young adults, by presenting subjects in an attention-grabbing and enthusiastic manner.

Programs are offered as individual classes or as a series of related classes. Programs may be scheduled during or after school hours, evenings, weekends, or as school-break camps.

Our programs can be tailored to work with your curriculum as an introduction to a subject, conclusion to a subject, or as an added component to enrich students' understanding.

What we provide:

- Customized program content
- Experienced teachers
- Program materials

What your organization provides:

- Classroom, auditorium, or laboratory
- Students
- Support staff

FOR MORE INFORMATION:

Please contact Batson Independent Education.

Email:

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Phone:

724-494-6826

Mailing address:

P.O. Box 933
Moon, PA 15108

Website:

www.batsonindependenteducation.com

Visit the website for details on programs and other services.

References and pricing information provided upon request.

Current clearances on file.



BATSON
Independent Education, Ltd.

HAVE CLASSES, WILL TRAVEL.™

CAPTURE KIDS' CURIOSITY

Specialized programs engage students in hands-on learning



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FEATURED PROGRAMS



Ancient Egyptian Adventures

Ancient Egypt continues to mystify. The theories on the death of King Tutankhamen are well-known, but what happened to his father, Akhenaten? And just who was Cleopatra? Explore ideas on pyramid construction. Experiment with raising an obelisk. Discover how the hieroglyphs were finally deciphered. Learn about the mummification process and meet King Cluck, if you dare.



Nature's Artists

Take a look outside and see the intricate designs all around. Some are for defense and others are purely

for beauty. While some patterns are obvious, like flower petals and butterfly wings, others need a closer look. How do bees and wasps construct the symmetrical cells in their hive? The familiar form of an orb web may cause one to overlook the charms of the spider. Use different media to produce works that mimic designs found in nature, such as compound eyes and snake skin.

Math Fascination

Look at numbers in new ways. Enrich math class by playing games, like Chicken Dice, that have the students asking for more. Figure logic puzzles such as the infamous Fox, Chicken, and Corn. Make a set of tangrams. Want to learn multiplication in minutes?

We'll look at the history of problem solving and apply ancient techniques to speed the process along.

Crime Solved!

How do scientists help detectives solve crimes? Forensic investigations don't only involve blood. Learn about evidence collection and interpretation. Find out about direct and circumstantial evidence. Perform experiments to find out how reliable eyewitnesses are. Analyze evidence found at the scene; not only fingerprints and footprints, but spatter and shrapnel as well. Extract real DNA and discuss its importance in crime investigation.

Paleozoic to Pleistocene

Dinosaurs aren't the only preserved prehistoric creatures. Explore the different types of fossils including mineralized and unaltered. Learn about animals that lived before and after the dinosaurs, from trilobites to the Ice Age giants like mammoths. Find out why pterosaurs and plesiosaurs are not dinosaurs, but birds are. Discuss the science and ethics of cloning extinct animals. If scientists could bring back T-rex, should they? Participate in a "fossil" dig and see what is discovered!



Matter, Mass & Messes

Not just the usual baking soda and vinegar experiments. Use a variety of materials and procedures to demonstrate the different states of matter. Learn about chemical and physical changes while making a mag-

netic concoction. What is the Scientific Method, and why is it important? Conduct experiments involving reactions and motion. Gas + Heat + Air Pressure + Thrust = Flying teabags!

Other programs

Visit our website for a comprehensive list of program descriptions. We develop new programs to meet the needs of our institutional partners, parents and students.

WHO WE ARE

Joan Batson established Batson Independent Education in 2009 when she began teaching science enrichment programs for young learners in the Pittsburgh area. Her experience includes:



- Teaching at the Carnegie Museum's Natural Science Academy for 10 years.
- Developing programs and teaching at Camp Earth, preschool through 8th grade science classes.
- Developing and teaching enrichment classes for Girl & Boy Scouts to help them meet requirements for earning badges.
- Teaching for the Challenge Program, the North Hills Catholic Diocese's gifted program.
- Teaching enrichment programs at PALS, a home-school cooperative.

In addition to classroom instruction, Batson Independent Education also offers:

- Field trips to local sites of interest
- Tutoring
- Gifted student support
- Homeschooling consulting & support