

## Salem Preschool's Science Enrichment Program

# Fall–Spring Classes

We are proud to announce the return of our Science Enrichment Program for the 2021 - 2022 school year. Registrations are now being accepted for sessions beginning in September. Our program is geared for students who will be 4 before September 1st and for Kindergarten age students.



**Objective:** Through hands-on learning of Life Sciences, we will spark a natural curiosity for young minds to grow a love and appreciation of science while studying the diversity of life on Earth.

**Teacher:** Mrs. Joan Batson

Mrs. Batson worked as a Natural Science Academy teacher at the Carnegie Museum of Natural History for 10 years. She developed and taught programs for Camp Earth, preschool through 8th grade science classes, home school classes and enrichment classes for Girl and Boy Scouts on a variety of subjects from Biology, Paleontology, and Anthropology. Mrs. Batson has been teaching this enrichment program at Salem Preschool since 2011. She has current clearances on file.



**Class Schedule:** Fridays 9:00 - 11:30 AM & 12:30 - 3:00 PM

Each session will include a lesson and experiments or projects to reinforce the subject matter.

Topics for this semester include classification, insects and invertebrates, fish, amphibians, birds, reptiles, and mammals.

### Course Schedule

**Week # – start date – topic**

#### SESSION #1

- Week 01 – 09/17 – Classification: types of animals, kingdoms, species
- Week 02 – 09/24 – Insects: invertebrates
- Week 03 – 10/01 – Fish: lungs, gills
- Week 04 – 10/08 – Amphibians: tadpoles, metamorphosis
- Week 05 – 10/15 – Reptiles: life on land
- Week 06 – 10/22 – Birds: flight

#### SESSION #2

- Week 07 – 10/29 – Mammals: live birth
- Week 08 – 11/05 – Ecosystems: habitats, food chains
- Week 09 – 11/12 – Animal adaptations: animal superlatives
- Week 10 – 11/19 – Legless Wonders: caecilians, tube worms, legless lizards
- Week 11 – 12/03 – Animal defense: coloration, locomotion, toxins
- Week 12 – 12/10 – Nocturnal: bats, owls

#### SESSION #3

- Week 13 – 12/17 – Animal communication: voice, stance, color
- Week 14 – 01/07 – Desert ecosystem: climate, adaptations
- Week 15 – 01/14 – Rainforest ecosystem: canopy, endangered
- Week 16 – 01/21 – Arctic ecosystem: tundra, adaptations
- Week 17 – 01/28 – Ocean ecosystem: whales, oceanic zones
- Week 18 – 02/04 – Pinnipeds: walruses, seals

#### SESSION #4

- Week 19 – 02/11 – Sharks: Great White, Hammerhead
- Week 20 – 02/18 – Snakes: locomotion, venom
- Week 21 – 02/25 – Turtles: turtles, tortoises, terrapins
- Week 22 – 03/04 – Crocodilia: crocodiles, alligators, caimans, gavials
- Week 23 – 03/11 – Spiders: arthropods, arachnids
- Week 24 – 03/18 – Plants: germination, importance

#### SESSION #5

- Week 25 – 03/25 – Humans: organ systems
- Week 26 – 04/01 – Geology: rocks, minerals
- Week 27 – 04/08 – Dinosaurs
- Week 28 – 04/22 – Pleistocene: Ice Age
- Week 29 – 04/29 – Weather
- Week 30 – 05/06 – Forces: gravity, motion, magnetism, light, sound

## Read what people are saying ...

Can science with Mrs. Batson be any more fun? My daughter's enthusiasm and interest for science has blossomed this school year. She is so eager and willing to share the wealth of knowledge that she learns each week in science class. With Mrs. Batson's witty and informative weekly newsletters, I am learning just as much as my daughter is — my brain gets energized every Friday morning! The carefully thought-out and crafted projects that are brought home every week find themselves in the special "science bin" that gets rummaged through on a daily basis. Mrs. Batson has instilled a love for learning and a love for science in my daughter. For that, we are so grateful. I can't wait for my little one to start science with Mrs. Batson next year.

*Ini*



My children have been a part of Mrs. Batson's science enrichment class (and summer camp!) for going on three years now and we LOVE it! My kids enjoy Mrs. Batson's fun, silly & sometimes messy way of teaching science and I love that they are learning. It is amazing, the concepts and vocabulary that they come home with. We look forward to many more years in the program.

*Denise*

I have been an RN for 17 years and my sons, Jackson and Drew have taught me things they learned from Mrs. Batson's science classes!

*Melissa*



Ryan has just started his second year of Science Enrichment and it is a wonderful experience that adds to his Kindergarten curriculum. He learns so much each week and has developed a true appreciation of the science that is all around him. Mrs. Batson brings her passion for science to every class, making it fun and interactive. The children retain so much. I have also had the privilege of volunteering in class and seeing first hand the enjoyment science class brings. I've learned a few things myself! I would encourage all parents to sign up! Thank you so much for making this class available for our little scientists.

*Louise*



**Location:** Salem Preschool, 350 Manor Road, Wexford, PA 15090

**Class size:** Limited to 16 students

**Fee:** \$125 per 6-class semester

**For registration information:**

**Call:** Wendy Ruby – Director, 724-935-5030

**Email:** [director@salempreschool.org](mailto:director@salempreschool.org)