

Robert C. Parker School
Science Curriculum
Pre K

As children explore the world around them, they gain a deeper understanding and appreciation for the interconnections in nature and science. They begin to learn about conservation and activism. Our seventy-seven acres of meadows, woodlands, wetlands, and creeks are a natural workshop for science observation and discovery. Science studies are supported with field trips to local nature sites. Cornell Cooperative Extension's Demonstration Gardens on our property provide an accessible resource. Students practice conservation through a recycling program coordinated by middle school students.

Pre K 3's and 4's

In Pre K, scientific inquiry is introduced across all disciplines.

- Building Blocks: ramps, bridges, roads, structures, sink and float
- Nature Observation: walks, "I saw" journals, change of season, collections
- Astronomy: sun, moon, stars, planets, day vs. night sky
- Health and Nutrition: skeletal system, organs, personal growth, and foods
- Chemical Changes: cooking, experimentation with materials
- Life Sciences: seed to plant, animal families, human body, birds, five senses, weather
- Energy: magnets, wind power
- Tools: measuring tapes, stethoscopes, binoculars, scales, keyboard, cash register