

NORTH POCONO HIGH SCHOOL

Students host science camp as senior project

North Pocono juniors, Nathan Rosengrant and Scott Lougee created a weekend science camp as their senior project.

The camp was conducted in one of the science classrooms at the high school on Saturday, June 8 and Sunday, June 9, and was monitored by three high school science teachers.

The project was geared toward 8-10 year-olds interested in learning more about science. This undertaking included designing demonstrations, creating age-appropriate activities, and preparing



mini-lessons on various science topics.

Day one focused mostly on physics topics including air pressure and specific heat. The children in attendance were amazed when Nathan and Scott demonstrated how to "burn" a dollar bill as well as a euro without

destroying the money.

During this day, attendees also participated in hands-on activities such as using a stomp rocket and crushing a soda can with air pressure alone. Each activity performed was followed by an explanation of the science behind the experiment.

On the second day, Nathan and Scott shifted to chemistry topics including, but not limited to, physical and chemical changes.

The children were given a chance to heat and bend glass as well as create colored flames. They also developed "elephant

toothpaste" by decomposing hydrogen peroxide.

The weekend ended with the participants making colorful slime.

The students in attendance were so excited about the experience that at the end, they were overheard saying, "Can we do this again next weekend?" and "Sign me up for next year as well!"

It was quite evident that many hours of planning and preparing went into this project. The best part of the weekend was watching the expressions of amazement on the children's faces.