
❖ SST TODAY ❖

Volume 15 Issue 1

October, 2008



Skills For A Lifetime

*Quarter 1
Progress Reports
Now On
PowerSchool*

*1st Quarter
Grades Close
October 31st*

*SST
Renovation
Grand Opening
Nov. 13th
8am - 5 pm*

WELCOME TO A NEW SST! PARENT OPEN HOUSE OCTOBER 22

Students at the Seacoast School of Technology found a new building when they arrived at school in August. With only a few exceptions, the \$8.5 million project is nearly completed. You are invited to see the school and meet your child's teacher on Wednesday, October 22, from 6:00 - 8:00 p.m.

HOW YOUR TEACHER SPENT SUMMER VACATION

SST Today typically focuses on students and their accomplishments. The Seacoast School of Technology places a very high value on teacher education and professional development. Many SST teachers completed impressive work in professional development over the summer and it is important for parents and students alike to know how hard teachers work in the summer to be better teachers during the school year. **Automotive Technologies** teacher, Bob Nienhouse traveled to Detroit to participate in a forty-hour Automotive Youth Educational Systems (AYES) curriculum and instruction training. **Early Childhood Education** teachers, Carla Ranks and Janel Holmes participated in reading and literacy workshops. **Special Education** teacher, Pat Brinkley, completed a week-long seminar on Critical Friends. **Biotechnology** teacher, Bruce Van Dyke, developed lab protocols and lectures for the new Tissue Culture Facility built during the remodeling of the laboratory. He also conducted a one week workshop, in conjunction with Great Bay Community College, for high school teachers and a student of their choice to develop science lab curriculum for their classrooms. Additionally, he worked with Professor Vaughn Cooper and Kelly Thomas from UNH to establish joint projects so that SST students can be conducting real research in the laboratories. One grant proposal has been submitted and the other is in process. **Culinary Arts** teacher, Jim Collins, started the summer with a trip to San Diego for an intense forty-hour week where he completed his three-year class training to become a Certified Hospitality Instructor sanctioned by the American Hotel and Lodging Association (AHLA). In July, he attended another forty-hour week at Johnson and Wales University in Providence to study nutrition and healthy cooking. In August, he spent three days in Bartlett, NH for training in blogging, legal aspects in the classroom, understanding Individual Education Plans and more. While traveling, Mr. Collins also completed a graduate level course in Strategic Human Resources Management. **Welding Technologies** teacher, Jonathan Theberge, attended a 40-hour Math-in-Career & Technical Education training. This training complements the training he received in 2007 at a national conference kicking off the Math-in-CTE initiative. Mr. Theberge will be teaching his peers

ways in which to “pull math out” of established CTE curriculum. Studies have shown that CTE students attending Math-in-CTE centers score better on standardized math tests. Many believe this is due to the fact that in a Career & Technical School, students learn math in a relevant, meaningful way and, therefore, retain what they have learned and are able to apply it later. **Building Construction** teacher, Jim Klingensmith also attended the Math-in-CTE training and is emphasizing math in his classroom and shop.

EUSTIS AWARD FINALIST

Pre-Engineering and Computer Programming teacher, **Norm Messa**, was a finalist for the most prestigious form of recognition for an SAU 16 employee, the Eustis Award. Mr. Messa works tirelessly for the students at SST and once you read about his summer vacation, you will understand why he was nominated for the Eustis Award. Mr. Messa attended a weeklong institute at Carnegie Mellon University on the use of Alice in education. Alice was originally developed as a tool for prototyping 3D Virtual Worlds. It has evolved with time into its current use as a tool to introduce students to computer programming in a very non-threatening way. Over the summer, Mr. Messa realized the possibilities of the use of this tool in the more general student population. Specifically, there is potential to use this tool as a method to improve student organizational and problem-solving skills. When used in a storytelling context (which has been used in research with middle school students), this could be used to improve student writing skills.

In the summer of 2007 while attending the CS4HS (Computer Science for High School) workshop at Carnegie Mellon University, he met some PhD students who were doing research on the use of robotics to enhance student learning. Mr. Messa received an invitation to participate in their research. In return for his assistance, he was sent a robotics kit comprised of an iRobot Create and a Terk controller. At the end of the year, he was invited to Carnegie Mellon University to present what he did to a group of about 30 other teachers from all over the country. He also spent two days teaching the teachers how to go about programming these robots so they could take them to their classrooms and replicate what he had done at SST.

Following the robotics workshop, he attended the 2008 Computer Science for High School workshop. The focus of that workshop was to address the critical need to get more students involved in the study of Computer Science, as well as, Science and Engineering. Mr. Messa enjoyed the presentations on Computer Science Unplugged which is a method of teaching Computer Science concepts in a fun way without computers and the one on Claytronics.

NEW FACULTY AT SST

Along with a newly renovated, state-of-the-art school, the Seacoast School of Technology has hired new teachers to join the current, outstanding faculty. Sandra Flannigan, **Marketing Education** teacher, holds a M.S. in Business Education and dual certification in Marketing and Comprehensive Business. She plans to make stronger connections with the community for the students to get a more hands-on experience in marketing applications.

Jim Klingensmith, **Building Construction** teacher, holds a B.S. in Resource Economics and is a member of the Association in Building Construction Technologies. With over 12 years in the field, Mr. Klingensmith wants to become involved in "No Place Like Home," a non-profit organization that builds homes for people who have lost theirs due to natural disasters.

Meg Prescott, **Computer Programming** teacher and a Running Start faculty partner at Great Bay Community College, is working on her M.S. in Internet Computing from the University of Liverpool/Laureate Online Education. Ms. Prescott plans to continue the Running Start initiatives and prepare students for their college education and career goals.

Vaso Partinoudi, **Computer Programming and Civil Engineering and Architecture** teacher, holds a degree in Civil Engineering from the University of Brighton and a master's in European Construction Engineering from Coventry University in the UK., a master's degree in Environmental Engineering from UNH and was the recipient of the 2005 American Water Works Association Academic Achievement Award for her master's thesis "Riverbank Filtration as a Viable Treatment and Pretreatment Process." Ms. Partinoudi has traveled extensively, has lived in 6 countries, speaks several languages and plans to bring her wealth of knowledge to her students.

Joyce Robinson, **English** teacher and veteran educator, holds a B.A. in English from Tufts University and an MA in English and a Doctorate in Education in Reading and Language from Boston University. Joyce has numerous achievement awards and publications and is a national presenter and member of several organizations. Currently, she is President of the Association for the Advancement of Educational Research and board member of the National Academy of Educational Research. Joyce plans to have students become very enthusiastic about learning in the English program.

Maryann Wortley, **Equity Counselor**, has a B.S. from SUNY Albany, and a M.Ed. and Ed.S. from the University of Florida and holds NH Certifications in K-12 Guidance and General Special Education. Teaching over 20 years, Maryann has served on the SST Program Review and Renovation committees. She will provide support to students and assisting them towards successful completion of their programs.

Sean King, **Automotive Technologies** teacher, has an Associates Degree in Automotive Technologies from the Guilford Technical Community College. He is a Master Certified ASE Technician in eight different service areas. He taught Automotive Technologies at the Baran Institute of Technology for the last three years. Mr. King holds a number of Melior certifications as well. He looks forward to sharing his knowledge with the students in the beautiful new facility.

SST OFFERS ENGLISH

With the help of a grant designed to help students graduate from high school, the Seacoast School of Technology is offering an English class to those students who may have fallen behind and are in need of English credits to graduate on time. Next Step, offered after normal school hours, is an English class designed to be relevant to a students' technology

program. There is still time to take English at SST this year. Please call the SST office (775-8461) or talk to your child's guidance counselor for more details.

IMPORTANT DATES

Monday, October 13	NO SCHOOL/Columbus Day
Wednesday, October 15	Internship Reception, 6:00 p.m. Automotive/Building/Welding/Biotech
Wednesday, October 22	SST Parent Open House, 6:00-8:00 p.m.
Thursday, October 23	Julia's Restaurant Grand Opening 12:30-1:30 p.m. Reservations Required
Friday, October 31	1 st Quarter Grades Close
Tuesday, November 4	NO SCHOOL/Voting/Teacher In-Service
Tuesday, November 11	NO SCHOOL/Veteran's Day
Wednesday, November 12	SST Business Roundtable, 6:00 p.m.
Thursday, November 13	SST RENOVATION GRAND OPENING OPEN HOUSE 8:00 a.m.-5:00 p.m. RIBBON CUTTING 11:30 a.m.
Friday, November 21	SST College Fair, 7:45 a.m.- 1:30 p.m.
November 26, 27, 28	Thanksgiving Recess
Thursday, December 4	HOSA Santa Spaghetti Supper, 5:30 p.m.
December 18 & 19	SST Mid-Term Exams/Mandatory
Thursday, May 28	SST Certificate Ceremony / 5:30 pm Arthur Hanson Performing Arts Center Exeter High School