STAT (Seekonk Teachers Applying Technology): a District Pilot Project for the Infusion of Technology into a Standards-Based Curriculum

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Abstract: Teachers applying the technology in place at each school in the district, as appropriate, to enhance student learning; evaluate the impact of the technology used in the targeted lessons based on student performance. Show the benefits of defining a clear, well-documented curriculum unit tied to the Massachusetts State Frameworks, MA Student Technology Standards, and the district goals, and infusing appropriate technology that enhances student learning. Use the program as a base to build into the entire curriculum and mentor other teachers in the district in the use of technology to enrich and expand student thinking and success while utilizing support from the current Technology Professional Development Specialist and GMOTT (Good Models of Teaching Technology). Each school will increase the motivation to infuse technology into the curriculum.

District Project Overview

Methodology

Involve representative teachers from each school in the district to begin by detailing a unit divided into modules and specific lessons, including content and expected learning objectives/outcomes; team members will review appropriate infusion of technology.

Match content to Mass Frameworks/Benchmark Standards and MCAS (Massachusetts Comprehensive Assessment System) expectations.

Review the use of technology that can be used in the curriculum, incorporating individual unit lessons, labs, homework, quizzes, and exams and provide necessary training.

Assessment

Develop both quantitative and qualitative measurements.

Outcomes

Expand project to other areas of the curriculum and to other district schools.

Grade 7 Mystery Unit Specific Details

Objective

To enhance a 7th grade unit on mystery writers and creative writing using project-based learning
**Goals**

To document a curriculum unit tied to the Massachusetts State Frameworks including Massachusetts Technology Standards and district goals

To use the unit to mentor other teachers

**Methodology**

Use of CLASP (Curriculum Library Alignment and Sharing Project), an on-line plan for writing lesson plans and matching the goals and objectives to the Frameworks and MCAS expectations to share among educators

Discussion of literary terms such as character, plot, setting, tone, mood, and imagery and how they apply, in particular, to mysteries

Reading of short mystery stories including utilization of website [www.mysterynet.com](http://www.mysterynet.com) for crime-solving stories

In-depth focus on Edgar Allan Poe, including an Internet scavenger hunt about his life; a genealogy using AppleWorks Drawing; and a compare/contrast of three of his stories with the use of the SmartBoard for construction of a Venn Diagram

Student writing of their own mysteries in a word processing document followed by the production of their stories as either an audio tape, CD, videotape, or PowerPoint presentation including sound effects (downloaded from the Internet or self-produced)

**Assessment**

Qualitative measurements

**Outcomes**

Publication of the unit for district use showcasing student enthusiasm leading to higher project participation

**Future Goals**

The ongoing project will include continued reflection, revision, and improvement of lesson plans. We will improve the infusion of technology as a tool into the curriculum, utilizing the professional services of the Integration and Curriculum Teacher. Our success will be measured by the ability of students teaching students and the teacher being the facilitator of the learning process. Life-long learners ready to contribute to the community in a constructive manner will be the benefit of the townspeople.

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