

Goal 1 – South Orangetown Middle School students will transition to the high school with the knowledge and experience of utilizing 21st century skills and exploring 21st Century Themes.

<p><u>SCHOOL/DEPT/DISTRICT</u> South Orangetown Middle School</p>	<p><u>MEASUREABLE OBJECTIVES</u></p>
<p><u>GOAL</u> SOMS students will transition to the high school with the knowledge and experience of utilizing 21st century skills.</p>	<ul style="list-style-type: none"> • Students will demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. • Students will use digital media and environments to communicate and work collaboratively to support individual learning and contribute to the learning of others. • Students will apply digital tools to gather evaluate and use information. • Students will use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. • Students will understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. • Students will demonstrate a sound understanding of technology concepts systems and resources.
<p><u>PHASE</u> 2009-2010 – Dialogue about 21st Century Skills and Study Framework. Identify Team Theme, Rewrite 2 units 2010-2011 – Plan 4 units (revisit original 2 with Kathy Mason) and implement 1 Team Theme 2011-2012 – Review units established, continue revision and evaluate goal.</p>	<p><u>YEAR(S)</u> – 2009-2012</p>
<p><u>CURRENT STATUS & RATIONALE FOR CHANGE</u> Society, education and the demands of the workplace e are rapidly changing as a result of a highly competitive and global complex economy. School systems must keep pace by ensuring that graduates are prepared for life and beyond school and on the right side of the emerging digital divide.</p>	
<p><u>INTENDED OUTCOMES</u> Students will acquire the knowledge and skills to succeed as effective citizens and workers and leaders in the 21st century. Teachers will research and refine lessons so as to integrate and evaluate the progress of their students in attaining the skills necessary to compete in the 21st century. Administrators will continue to research and provide staff development in areas that emerge from teacher needs assessments regarding the integration of the 21st century skills and themes.</p>	

<p><u>REQUIRED ACTION</u> <u>Year 1 (09-10) – Staff will review the Framework for 21st Century Learning and discuss curriculum implications in department and team meetings. They will begin re-writing a minimum of 2 units to integrate these skills as well as discuss assessing student attainment of these skills. Each team will identify one 21st Century Theme and design a team experience around the developed theme for 2010. Staff will perform a needs analysis with regard to professional development and classroom materials needed.</u> <u>Year 2 (10-11) – Staff will continue studying the framework and continue re-writing units and assessing students attainment of 21st century skills. Team Theme concept will be implemented and evaluated. Staff will perform a growth and needs analysis.</u> <u>Year 3(11-12) –Staff will continue to research the framework and have all curriculum units embedded with 21st century learning skills. Teams will evaluate and refine their instructional units to investigate additional themes..</u></p>
<p><u>REQUIRED PERSONNEL</u> <u>All Staff/ Students/ Parents/Community Representatives</u></p>
<p><u>RESOURCES</u> <u>Framework for 21st Century Learning, Tech Support Members, Consultants, Curriculum Maps, Team Planning Time.</u></p>
<p><u>EVALUATION COMPONENTS</u> <u>Assess 21st Century Learning skills attainment by students</u> <u>Staff Needs Assessment</u> <u>Team Theme- Project Based learning Experiences assessed by rubric.</u></p>