

**Technology Plan Goals from the District Strategic Plan**

- Goal #1:** RTSD has established a process that aligns the curriculum to the mission of what students at all levels should know and be able to do in order to achieve the strategic objectives and strive as citizens in a global society. (Strategic Plan Strategy 2 – Learning)
- Goal #2:** Identify critical literacy (those tools essential to success in the 21<sup>st</sup> century) at all levels and create a continuum of critical literacy benchmarks K – 12.
- Goal #3:** We will create an environment of mutual trust, respect and open communication so that we can achieve our strategic objectives and mission.

**Instruction / Professional Development**

- Goal #1:** RTSD has established a process that aligns the curriculum to the mission of what students at all levels should know and be able to do in order to achieve the strategic objectives and strive as citizens in a global society. (Strategic Plan Strategy 2 – Learning)

Objective	Activities
1. All students will receive instruction in technology applications to access information and enhance learning	<i>1a. Evaluate current high school technology courses, adjust content based on middle school course; develop middle school assessment for 9<sup>th</sup> grade placement (2 teachers)</i>
	<i>1b. Formalize keyboarding lessons Grades 3,4,5</i>
	<i>1c. Continue to articulate student proficiency by grade level K-8 as part of all curriculum review processes</i>

**Note:**

*Activities in italics are new for the 2008-2011 Technology Plan. All other activities continue from the 2007-2008 plan.*

**Instruction / Professional Development**

**Goal #1:** RTSD has established a process that aligns the curriculum to the mission of what students at all levels should know and be able to do in order to achieve the strategic objectives and strive as citizens in a global society. (Strategic Plan Strategy 2 – Learning)

<b>Objective</b>	<b>Activities</b>
2. Technology will support curriculum and enhance instructional practice	2a. Provide full time Technology Coaches
	<i>2b. Provide access to student assessment information to inform instruction</i>
	<i>2c. Post technology infused model lessons on intranet (ACTS, Tech Mentors)</i>
	<i>2d. Organize online resources by course/grade level/department – Increase hours of building web masters</i>
3. Provide increased opportunities for professional development in the use of technology to support instruction	<i>3a. Design focused learning opportunities for:</i> <ul style="list-style-type: none"> <li>• <i>Administrators</i></li> <li>• <i>Coaches/ Staff Developers</i></li> <li>• <i>Instructional Assistants</i></li> <li>• <i>Technology Resource Personnel</i></li> <li>• <i>Support personnel</i></li> </ul>
	<i>3b. Provide differentiated learning opportunities with accountability:</i> <ul style="list-style-type: none"> <li>• <i>Collaborative planning</i></li> <li>• <i>Graduate level courses</i></li> <li>• <i>PDE courses</i></li> <li>• <i>Conference attendance</i></li> </ul>

Objective	Activities
4. Equip all instructional areas with necessary hardware and software	4a. Increase number of LCD projectors for large group instruction and permanently mount in classrooms
	4b. Add wireless mobile laptop carts
	4c. Maintain equipment, repair and upgrade, include replacement parts
	4d. Replace building level file servers
	4e. Provide adequate supplies (value less than \$5,000) replacement computers, printers, etc. Computer labs Classroom computers Laptops (teacher and student) Classrooms for the Future
	4f. Continue elementary PC migration

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<b>Objective</b>	<b>Activities</b>
4. Equip all instructional areas with necessary hardware, software and support	4g. Support software and online programs <ul style="list-style-type: none"> <li>• Operating systems ( Windows XP, Vista, OSX)</li> <li>• Applications - Microsoft Office, Inspiration, etc.</li> <li>• Language Arts - Read 180, Earobics, KidBiz</li> <li>• Project Lead the Way</li> <li>• <i>RM Math Framework (Middle School)</i></li> </ul>
	<i>4h. Implement web-based access to electronic library catalog for all schools</i>
	<i>4i. Explore open-source software applications</i>
	<i>4j. Add one tech support resource person to support increased number of laptops</i>

**Instruction / Professional Development**

**Goal #2:** Identify critical literacy (those tools essential to success in the 21<sup>st</sup> century) at all levels and create a continuum of critical literacy benchmarks K – 12.

<b>Objective</b>	<b>Activities</b>
1. Provide support for the integration of 21 <sup>st</sup> Century skills in content area instruction	1a. Continue ACTS Program (Aligning curriculum and Technology to Standards) – release time, flex time, provide equipment
	<i>1b. Institute Tech Mentor Program – stipends for teachers, flex time</i>
	<i>1c. Provide online collaborative workspace that enables teachers to create multimedia resources, perform formative assessments, differentiated learning opportunities, and communicate with individual students as they learn (Learning Portal Application)</i>
2. Define information literacy continuum of competencies	<i>2a. Establish research benchmarks and objectives K – 12</i>

**Communication**

**Goal #3:** We will create an environment of mutual trust, respect and open communication so that we can achieve our strategic objectives and mission.

<b>Objective</b>	<b>Activities</b>
1. Provide seamless access to information on the district and school web pages	<i>1a. Reconfigure the district homepage to allow for parents to sign up for email alerts and eliminate paper mailings to parents who subscribe (Schoolwires)</i>
	<i>1b. Provide teacher access to grade reporting from home</i>
	<i>1c. Provide elementary electronic grade reporting</i>
	<i>1d. Provide parent access to grades online</i>
	<i>1e. Provide access for parents to sign up for conferences online</i>
	<i>1f. Expand the amount and type of information available on the district web site to include information such staff contacts, athletics, etc.</i>

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<b>Objective</b>	<b>Activities</b>
2. Expand the amount and type of information available on the district Intranet (Staff access)	<i>2a. Train department representatives on posting information for staff use on the Intranet including but not limited to districts forms, staff directory, etc.</i>
	<i>2b. Provide user-friendly method of sharing of information between various groups (ie Microsoft Share Point solution - Portal)</i>
	<i>2c. Provide online substitute teacher sign up (for submitting substitute request)</i>
	<i>2d. Provide user-friendly access to student information for data driven decision making</i>

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<b>Objective</b>	<b>Activities</b>
3. Maintain administrative and support staff access to information resources	3a. Purchase and configure backup workstations for replacement during service
	3b Provide hardware, software, training, maintenance and support <ul style="list-style-type: none"> <li>• Replacement of office computers</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Electronic records retention service/solution for district data</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Administration software maintenance</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Administration software upgrades</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Administration server replacement</li> <li>▪ Data warehouse support</li> </ul>
4. Provide technology support for Special Education and Student Services	<i>4a. Assist with the evaluation of special education information systems</i>

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<b>Objective</b>	<b>Activities</b>
5. Maintain and update a high-speed, secure, digital infrastructure	5a. Replace / upgrade network security appliance
	5b. Maintain Delaware County Fiber Optic Network service contract
	5c. Conduct network performance and security assessment of the district-wide network
	5d. Replace network infrastructure equipment (switches – access points) where necessary