

# 2007-2010 TECHNOLOGY PLAN

## INGRAHAM HIGH SCHOOL

### BUILDING SCHOOL IMPROVEMENT GOALS

**Goal Title:** Use technology to support our building Transformation Plan

**Strategy:** Create a technology support infrastructure to promote the reliability and use of technology tools. (team, process, plan)

**Rationale:** Technology is an integral part of the classroom infrastructure. Schools should be able to integrate and maintain technology.

**Evaluation Procedure:** Representative Technology committee meets on a regular basis to determine the effectiveness of their support model.

Activity/Task (Is it measurable/achievable?)	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
<p><b>The School's Educational Technologist will identify priorities for technology upgrades and maintenance tasks to support instructional strategies as identified in the Transformation Plan.</b></p>	<p>Educational Technologist Meetings conducted by Department of Technology Services staff.</p>	<p>The Head Secretary will keep track of all work orders as they are placed and when they are accomplished.</p> <p>The ET will maintain a notebook of calls made to him/her by teachers and record when the problem is solved.</p>	<p>Principal Educational Technologist Network Analyst Instructional Technology Consultant</p>	<p>September 2007 – June 2010</p>	<p>Online Teacher Technology Integration Survey</p>	<p>NA</p>
<p><b>The ET and principal will work with District Network Analyst to support building academic and technology goals.</b></p>	<p>Educational Technologist Meetings conducted by Department of Technology Services staff.</p>	<p>The Head Secretary will keep track of all work orders as they are placed and when they are</p>	<p>Principal Educational Technologist Network Analyst</p>	<p>September 2007 – June 2010</p>	<p>Possible building funds for discretionary purchases as approved by the Building Technology</p>	<p>District Funds</p>

	Regularly scheduled meetings with the building's assigned analyst.	accomplished.			Comm.	
<b>Continue to hire a Uwired student to help assist with technology maintenance and upgrades in the building as building funds allow.</b>	Educational Technologist Meetings	The ET will publish support procedures through school email and at staff meetings so that all know how to contact the support person for help.	Principal Educational Technologist Network Analyst	September 2007 – June 2010	N/A	Building Funds
<b>A building technology committee will be formed in order to support ongoing technology use throughout the school and in each department, and to support the vision of the transformation plan.</b>	NA	Technology needs and initiatives will be more efficiently supported and maintained by input from the committee as well as the use of staff surveys conducted by the committee.	Principal ET Selected staff	September 2007-June 2010	Meeting times will be established monthly	NA
<b>Building staff who express interest will be trained in Tier I and SysOp support as the classes are offered at the District level.</b>	Tier I Support Training and SysOp training	Principal will ask at staff meeting if there are teachers who would like to have this training and will contact the IT with names so that they can be placed in a class.	Principal Educational Technologist Instructional Technology support	September 2007 – June 2010	N/A	Building funds for substitutes.

**Strategy:** Use levy tools to support and enhance instruction to increase student learning

**Rationale:** Tools allow teachers and students to achieve new avenues for communication and learning in the classroom. Instructional presentation and student productivity. Teachers produce, store, and retrieve learning materials electronically (Tier 1 focus on teacher productivity, Tier 2 focus on student productivity and teacher facilitation.)

**Evaluation Procedure:** Buildings determine procedure to show they have moved beyond tier 1. For example, student multimedia projects to demonstrate learning.

Activity/Task	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
<p><b>Collaborative and Peer Learning</b>            – Teachers and students use a document camera and projector to facilitate the sharing of student work as an on-going learning strategy in all departments and grade levels. Students will explain their thinking and demonstrate their knowledge through the use of the equipment.</p>	<p>Building professional development opportunities organized by the building technology committee, Principal, IT, Librarian and ET</p>	<p>Teachers will share their resources and student projects at staff and department meetings on a regularly scheduled basis.             Yearly Building Teacher Technology Integration Survey will identify at least 25% moving from their previous tier to the next as the years progress.</p>	<p>Instructional Technology Staff             Select building staff             Librarian</p>	<p>September 2007 – June 2010             As scheduled by the principal and staff.</p>	<p>AverMedia Avervision Document Camera, Hitachi LCD Projector, Student Computer, and supporting Instructional Technology professional development documentation.</p>	<p>BTA II Levy</p>
<p><b>Modeling Effective Writing Strategies</b> – Using their presentation station teachers will model and illustrate key features of various genres of writing using text, media, etc. as well as exemplary student work.</p>	<p>Building professional development opportunities organized by the building technology committee, Principal, IT, Librarian and ET</p>	<p>Teachers will share their resources and student projects at staff meetings on a regularly scheduled basis.             Yearly Building Teacher Technology Integration Survey will identify at least 25% moving from their previous tier to the next as the years progress.</p>	<p>Instructional Technology Staff             Select building staff             Librarian</p>	<p>September 2007 – June 2010             As scheduled by the principal and staff.</p>	<p>AverMedia Avervision Document Camera, Hitachi LCD Projector, Student Computer, and supporting Instructional Technology professional development documentation.</p>	<p>BTA II Levy</p>
<p><b>Multimedia Learning Projects</b> - Students create multimedia projects using applications like</p>	<p>Building professional development</p>	<p>Teachers will share their resources and</p>	<p>Instructional Technology Staff             Select building</p>	<p>September 2007 – June 2010</p>	<p>Student Levy Computers, AverMedia</p>	<p>BTA Levy and building designated</p>

<p>Photostory, PowerPoint, iMovie, iPhoto and MovieMaker, to demonstrate their new learning.</p>	<p>opportunities organized by the building technology committee, Principal, IT, Librarian and ET</p>	<p>student projects at staff meetings on a regularly scheduled basis.  Yearly Building Teacher Technology Integration Survey will identify at least 25% moving from their previous tier to the next as the years progress.</p>	<p>staff Librarian</p>	<p>As scheduled by the principal and staff.</p>	<p>Avervision Document Camera, Digital Cameras</p>	<p>funds.</p>
<p><b>Internet Research</b> – Teachers and students use the internet as a research tool. This will include instruction for selecting appropriate and accurate web resources, and for media literacy.</p>	<p>Building professional development opportunities organized by the building technology committee, Principal, IT, Librarian and ET</p>	<p>Teachers will share their resources and student projects at staff meetings on a regularly scheduled basis.  Yearly Building Teacher Technology Integration Survey will identify at least 25% moving from their previous tier to the next as the years progress.</p>	<p>Instructional Technology Staff Select building staff Librarian</p>	<p>2007 – 2010  As scheduled by the principal and staff.</p>	<p>Classroom presentation Stations and student levy computers.</p>	<p>BTA II Levy</p>
<p><b>Use of non-text media (audio and video)</b>– Teachers and students access and download available podcasts, audiobooks, speeches, science demonstrations, current events, etc.</p>	<p>Building professional development opportunities organized by the building technology committee, Principal, IT, Librarian and ET</p>	<p>Teachers will share their resources and student projects at staff meetings on a regularly scheduled basis.  Yearly Building Teacher Technology Integration Survey will identify at least</p>	<p>Instructional Technology Staff Select building staff Librarian</p>	<p>September 2007 – June 2010  As scheduled by the principal and staff.</p>	<p>Classroom presentation Stations and student levy computers.</p>	<p>BTA II Levy</p>

		25% moving from their previous tier to the next as the years progress.				
<b>Internet Resources</b> – Teacher and students use resources like Google Earth and Virtual Manipulatives to develop their understanding of important concepts	Building professional development opportunities organized by the building technology committee, Principal, IT, Librarian and ET	Teachers will share their resources and student projects at staff meetings on a regularly scheduled basis.  Yearly Building Teacher Technology Integration Survey will identify at least 25% moving from their previous tier to the next as the years progress.	Instructional Technology Staff  Select building staff  Librarian	September 2007 – June 2010  As scheduled by the principal and staff.	Classroom presentation Stations and student levy computers.	BTA II Levy
<b>eInstruction Student Response System</b> – The school will purchase one 32 piece classroom set to be used in classrooms for review and testing as a pilot for further purchases.	This will be piloted by the ET who will provide instruction at a scheduled staff meeting.	Student scores will increase as they are better able to respond in discussion and to see immediate test results in order to analyze strengths and weaknesses in a given subject.	Building Educational Technologist  Principal	September 2007 – June 2010  As scheduled by the principal, ET and staff.	Presentation Station	Building funds
<b>Use of Neo or Dana by AlphaSmart</b> – Explore the use of these devices in the classroom with the possibility of ordering two carts for use as mobile labs.	Librarian and principal with input from staff.	Students writing and math scores will increase through one on one use of computing devices.	Librarian  Instructional Technology Staff	September 2007 – June 2010  As scheduled by the principal, Librarian and staff.	Two carts of 16 Dana or Neo.	Building funds or grant.

**Strategy:** Teachers will use technology to support and enhance productivity and increase communication with parents, staff, and other educators.

**Rationale:** Create competency around eSIS, Easy Grade Pro, The Source, and other district tools that work to increase

the learning communities' participation and support of parents and students.

**Evaluation Procedure:** Schools set goal targets and intervals for review of progress.

Activity/Task	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
<b>eSIS – Electronic Student Information System</b> – Teachers record daily student attendance information.	Instructional Technology conducts group and individual training as needed.	Teachers are all using eSIS for attendance on a regular basis. Office will monitor with eSIS usage reports.	eSIS Group and Instructional Technology ET Peer support by knowledgeable staff members	September 2007 – June 2010	Classroom Workstation with access to eSIS.	BTA II Levy
<b>eSIS – Electronic Student Information System</b> – Teachers input student grade information in the student database. (Middle and High School)	Instructional Technology conducts group and individual training as needed.	Teachers are all imputing grades into eSIS at grade marking period. Office will monitor with eSIS marks reports.	eSIS Group and Instructional Technology Peer support by knowledgeable staff members	September 2007 – June 2010	Classroom Workstation with access to eSIS.	BTA II Levy
<b>Email</b> – Teachers use email to communicate electronically with parents, staff, and students.	Instructional Technology conducts group and individual training as needed.	Clear expectations for response times and usage are established and agreed to by the majority of staff. Those expectations are made known to all.	Department of Technology Services ET Peer support by knowledgeable staff members	September 2007 – June 2010	Classroom Workstation	General Technology Funds
<b>Electronic Grade Book</b> – Teachers keep class/student grade information in Easy Grade Pro. (Middle and High School)	Source Support Group provides professional development as needed.	Clear expectations for response times and usage are established and agreed to by the majority of staff. Those expectations are made known to all relevant constituencies	Source Support Group ET Peer support by knowledgeable staff members	September 2007 – June 2010	Classroom Workstation	BTA II Levy

<p><b>Source – Online Grades –</b> Teacher publish grade information online for parents and students to monitor their academic progress.</p>	<p>Source Support Group provides professional development as needed.</p>	<p>Staff agrees to norms for use. Each teacher publishes his/her grading system to students and parents to avoid confusion. Principal monitors as needed.</p>	<p>Source Team Peer support by knowledgeable staff members</p>	<p>September 2007 – June 2010</p>	<p>Classroom Workstation</p>	<p>BTA II Levy</p>
<p><b>Source – Teacher Pages –</b> Teachers use internet pages to share classroom information (assignments and other documents) with students and parents.</p>	<p>Source Support Group provides professional development as needed.</p>	<p>Staff agrees to norms for posting. Each teacher is responsible for the content of the teacher page. Principal monitors as needed.</p>	<p>Source Team Peer support by knowledgeable staff members</p>	<p>September 2007 – June 2010</p>	<p>Classroom Workstation</p>	<p>BTA II Levy</p>