

Dracut Public Schools Strategic Plan for Technology 2009-2010 through 2014-2015

School Committee

Dr. Michael McNamara - Chairperson
Matthew Sheehan - 1st Vice Chairperson
Joseph Wilkie - 2nd Vice Chairperson
Michael Miles - Board member
Daniel O'Connell - Board member

Superintendent of Schools

Steven Stone

Technology Leadership Team:

Kenneth Mogé
David Hill
Richard Manley
Dr. Robert Fitzgerald
Maria McGuinness
Deborah Koniowka

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Benchmark #1: Vision and Leadership

Vision:

Our vision is to provide technology that will best suit the needs of our students and faculty in an ever changing technology environment while supporting our curriculum. In order to prepare our students to become 21st century learners, we will provide access to technology and the necessary skill sets to succeed in using these resources to expand and improve educational opportunities. In support of this vision, we will use technology to make informed decisions supported by data obtained with accurate information systems thus increasing effectiveness and efficiency.

Leadership:

In order to fulfill our vision, leadership and direction will be provided by the Technology Strategic Committee as directed by the Superintendent of Schools and School Committee.

Needs Assessment:

Under the direction of the School Committee and the Superintendent of Schools, the needs of the district will be assessed annually by survey, school improvement plans and regular technology leadership meetings.

Children's Internet Protection Act (CIPA) Compliance:

Dracut public Schools will implement and maintain up to date internet content filtering, and review internet activity as deemed necessary or at the direction of the Superintendent of Schools. All users must adhere to the Acceptable Use Policy of Dracut Public Schools technology.

Funding:

The School Committee will provide adequate funding to sustain improvements and growth in technology and professional development. Technologies to be supported consist of but not limited to, computers, peripheral devices, software, network infrastructure, internet connectivity, professional development. The Technology committee will work with the leadership team to address alternate funding opportunities for technology including grants, organizations and groups affiliated with the district. The district will continue to apply for e-Rate funds each year.

Evaluation:

The Technology Committee will meet tri-annually to review and recommend new strategies to the School Committee and Superintendent of Schools as appropriate.

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GOALS / STRATEGIES	PERSONNEL ACCOUNTABILITY	RESOURCES / COMPLETION DATE	ASSESSMENT/INDICATORS OF SUCCESS
Needs Assessment: by survey, school improvement plan and regular leadership meetings.	-Superintendent -School Principals -Technology Committee	Time Participation	-Survey results -Observation of technology in use
CIPA: Content filter and adherence Acceptable Use Policy management	-School administration, -Human resources	Ongoing	-100 % agreement with AUP -Audit results -Review of Internet activity
Funding: Schools will have adequate funding to sustain technology improvements and growth	-School Committee -Superintendent -Technology committee	Ongoing	-Meet the Department of Elementary and Secondary Education's technology standards
Evaluation: Technology committee will meet quarterly to review and recommend new strategies as appropriate	-Technology Committee -Leadership team	Time	-Strategic plan updates

Benchmark #2: Technology Integration and Literacy

We believe technology is an integral part of everyday life and must be integrated throughout education both inside and outside of the classroom to improve learning and student achievement.

In support of this belief we expect:

85% of teachers use technology daily as part of their normal routine for administrative tasks such as, lesson planning, grade recording;

85% of teachers use technology daily to improve student learning through activities such as, research, simulations, data collection and interpretation;.

85% of grade eight students show proficiency in all of the Massachusetts recommended instructional standards;

100% of teachers are working to meet the proficiency level in technology as define by the Massachusetts Technology Self-Assessment Tool (TSAT).

The district will provide the staff necessary to meet the needs of technology for teaching, data management and assessment and technical support for teachers.

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GOALS / STRATEGIES	PERSONNEL ACCOUNTABILITY	RESOURCES / COMPLETION DATE	ASSESSMENT/INDICATORS OF SUCCESS
85% of teachers use technology daily (non teaching)	-School principals	Teacher participation, Administered annually	-Teacher technology use survey results
85% of teachers use technology daily (teaching)	-School principals	Teacher participation, Administered annually	-Teacher technology use survey results
85% of students in grade 8 proficiency	-School principal	Administered as required	-Student assessment
100% of teachers proficient in technology	-School principals	administered annually	-TSAT results
Adequate teaching staff for technology	-School Committee -Superintendent of Schools	As required	-1 FTE instruction technology teacher per 60-120 instructional staff

Benchmark #3: Technology Professional Development

In order to assist our teachers in their technology endeavors, the Dracut Public Schools will offer professional development under the direction on the Superintendent of Schools based on the Needs Assessment results. We will also provide coaching, user groups, and on-line professional development.

By the end of fiscal year 2013, 85% of the district's staff will have participated in 45 hours of professional development that includes technology skills and integration of technology in the classroom.

GOALS / STRATEGIES	PERSONNEL ACCOUNTABILITY	RESOURCES / COMPLETION DATE	ASSESSMENT/INDICATORS OF SUCCESS
Achieve 45 hours of professional development	All district staff	Ongoing	Three year technology plan analysis
Increased technology related professional development	Curriculum and Professional development department	Annually	Increased availability of technology related professional development

Benchmark #4: Accessibility of Technology

Dracut Public Schools will continue to upgrade computers in order to meet the ratio of five students to one high capacity computer. We adhere to a five year replacement plan as a guide for keeping up to date with technology as funding allows.

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The district will provide students access to technology with consideration given to students with disabilities, assistive technologies and classroom devices such as projectors, whiteboards, etc.

Access to technology outside of the school day will be made available to all students at the school or coordinated within the community.

GOALS / STRATEGIES	PERSONNEL ACCOUNTABILITY	RESOURCES / COMPLETION DATE	ASSESSMENT/INDICATORS OF SUCCESS
Upgrade / replace computers	-School Committee -Superintendent	Ongoing	-Technology plan -Student to computer 5:1 ratio
Provide access to technology to all students	-Superintendent	Ongoing	-Technology plan
Access to technology outside the school day	-Superintendent -Executive director of special education -School principals	Ongoing	Technology plan

Benchmark #5: E-Learning and Communications

Dracut Public Schools will maintain an up to date web site in order to communicate with the community.

Dracut Public Schools supports the concept of on-line learning and will provide access to on-line learning as directed by the Superintendent of Schools and recommended by the leadership team.

The School system will provide e-mail access to all staff and archive correspondence in order to comply with state and federal mandates.

GOALS / STRATEGIES	PERSONNEL ACCOUNTABILITY	RESOURCES / COMPLETION DATE	ASSESSMENT/INDICATORS OF SUCCESS
-Up to date web site	-Superintendent -School Principals -Technology department	Ongoing	-Regular review of web site
-Online learning	-Curriculum and Professional Development director	Ongoing	-Participation
-E-mail availability and archiving	-Technology department -Human resources	Ongoing	-Audit results