

***“Through the use of technology students will build their own personal learning networks, collaborate with others, and be producers of knowledge, content and creative expression.”***

## **Bedford Public Schools**

### **Vision 2017**

#### **The Vision:**

In the year 2017, the Bedford Public Schools will integrate technology in new and effective ways to enhance teaching and learning.

Through the use of technology, students will:

- create, navigate and grow their own personal learning networks
- collaborate with others, locally and around the world
- be producers of knowledge, content and creative expression
- acquire information, build and assimilate knowledge, and communicate their understanding
- engage in real-world experiences and have the ability to creatively solve problems
- learn from a variety of sources and develop critical thinking skills by considering multiple perspectives, bias and evidence
- construct, communicate and defend original thoughts
- learn and be challenged in ways that are appropriate for their individual abilities, ages and learning styles
- access tools and information they need to be active, self-directed, and discerning learners, both inside and outside the classroom

Through the use of technology, teachers will:

- create, navigate and grow their own personal learning networks
- collaborate with others, locally and around the world
- embed technology in instruction in new and effective ways to improve teaching and learning
- create blended learning environments
- create active, inquiry-based, problem-solving learning environments
- provide greater access to various modes of teaching and learning to support individual learning styles
- review and adjust curriculum integration

Through the use of technology, administrators will:

- create, navigate and grow their own personal learning networks
- collaborate with others, locally and around the world
- promote, advocate and support innovative use of technology by teachers
- promote, advocate and support broad adoption of technology after it has been proven to provide educational benefit
- promote, advocate and support professional development opportunities for teacher to learn how to effectively integrate technology to improve teaching and learning
- explore and develop options for blended learning, individualized instruction and expanded course options via the Internet
- build bridges with the community by communicating and collecting feedback about education policies, practices, and philosophies
- minimize costs, manage data and improve performance

Through the use of technology, parents will:

- participate actively in their children's education individually and in the community
- access information related to the schools and information related to their children, quickly and securely
- understand the educational philosophy of the Bedford Schools, including the schools' approach to integrating technology

Through the use of technology, members of the Bedford community will:

- access data that helps them compare their school to other schools locally and beyond
- use a system that provides information about school finances, policies, practices, and curriculum
- share with the schools their time, talents, and resources

## Major Project Timeline

### 2011-12 School Year

- Launch iPad pilot for incoming BHS Freshmen – Class of 2015

### 2012-13 School Year

- Launch BHS iPad implementation for Class of 2016

- Replace BHS Wireless Network, relocate existing equipment to JGMS and merge current JGMS equipment with current Lane equipment to make all three buildings able to support 1:1 technology
- Added Computer Technician staff to help support 1:1 equipment
- Allowing Bring Your Own Device (BYOD) at BHS
- Begin 3 year program of SmartBoard installation at Lane

#### 2013-14 School Year

- Launch 1:1 at JGMS
- Complete BHS iPad implementation for remaining grades
- Change to full time ITS at JGMS
- Change to a full time ITS at BHS to support 1:1 implementation
- Added additional Computer Technician staff to help support 1:1 equipment
- 2<sup>nd</sup> year of SmartBoard installation at Lane
- Consider allowing Bring Your Own Device (BYOD) at JGMS

#### 2014-15 School Year

- 3<sup>rd</sup> year of SmartBoard installations at Lane
- Improve JGMS wireless network to support additional devices

#### 2015-2016 School Year

- Migrate BHS 1:1 devices to Lane as BYOD frees up devices
- Maintain full time ITS at Lane
- Begin 3 year program of SmartBoard installation at Davis
- Improve Lane wireless network to support additional devices

#### 2016-2017 School Year

- Migrate JGMS devices to Lane as BYOD frees up device
- 2<sup>nd</sup> year of SmartBoard installation at Davis
- Increase Davis ITS to 1.0