

# **Gibbons Middle School's**

## **1:1 Technology Plan**

### **Phase One**

**Phase One:** the devices arrive, are assigned to specific students, but stay in school. *Timeline,* we expect the Chromebooks to be delivered approximately the end of September 2015. Focus points: internal routines and procedures need to be developed; e.g. rules for lunch etc.

**Phase Two:** Students are assigned the charging equipment, a protective 'skin' which can be personalized and can take the Chromebooks home; approximate time frame December 2015. Focus points: Parent Evening scheduled to review school expectations for district owned device for home use; Device insurance program finalized; Establishing in school student help desk, repair protocols, loaner programs

### **1:1 Program Goals, Rationale & Philosophy**

Our goal is to provide an excellent education.

One important aspect of this goal is to provide our faculty with tools to manage the delivery and assessment of curriculum to individual children. Students benefits include the ability to easily collaborate with their peers; improved communication between themselves and their teachers and access to a wealth of information. Mobile computing devices are quickly becoming an integral component to the modern classroom.

To do this, students need a dedicated device that can:

- Provide access to rich content (text, audio, video, and the online world of factual knowledge)
- Allow for space/time independence of learning (student can review, research, and explore content at their own pace and within the context of their lives)
- Assist students with executive functioning skills and communication tools
- Provide pragmatic productivity tools for production of student work and demonstration of understanding
- Prepare students for their future academic lives within the digital world as we now know it

Integrating new tools in education is a process that takes time. Our faculty need time to explore new instructional methods and applications that can be provided by this tool to enrich and enhance their lessons. The students need time and guidance to learn how to

manage their digital academic life. And finally, the school culture needs time to shed the traditions of multiple binders, colored pencils, and graphing calculators.

Our expectation is that there will be steady development of new pedagogical techniques, utilizing the distinct advantages offered by the 1:1 initiative. The ability to be instantly on, the small and light form factor that fits nicely with other materials on the desk, and long battery life—all contribute to an "education friendly" device. These features, coupled with the five bulleted points above and an excellent teacher, articulate a recipe for a powerful learning environment. (Weston Public Schools)

- Focus on process rather than product
- Focus on collaboration rather than research
- Productivity, enhance learning - not apps
- Students should not go home and say, "I was on the device all day".

### **Westborough Public Schools Technology Vision:**

We believe that the teacher-student relationship is central to creating and maintaining an effective learning environment.

We envision technology will be used as a dynamic tool that will enhance teaching and learning, prepare our students to become innovative, knowledgeable, contributing members in the world community, and to be continuous learners.

Technology will be used to support and enhance the learning environment.

In an ever changing world, technology skills are evolving at an unimaginable pace. Our students will need to know if technology can support their search for solutions when faced with a problem and if so, which technology should be used.

Technology is a utility that needs to be available when and where needed.

Westborough Public Schools will provide the necessary access, support and environment for critical thinking, creativity, collaboration, communication for all stakeholders.