

Who is Highbridge Hill Elementary School?

Highbridge Hill Elementary School is a small, rural school located in southwestern New Hampshire, near the beautiful Mt. Monadnock and on the border of Massachusetts.

Nestled in the woods, the Mascenic Regional School District consists of two towns, New Ipswich and Greenville. Greenville is predominantly of French Canadian descent and New Ipswich is primarily of Finnish descent. The Mascenic School District has three schools with a total enrollment of less than 1200 students; 435 in the elementary school, 336 at the middle school, and 352 in the high school level (2013-2014).

Prior to there being one elementary school, there were actually three that served the communities of New Ipswich and Greenville. When it was determined by the Fire Marshal that portions of two of the schools needed to be condemned in 2009, the district set in motion plans to build one elementary school, which you see today (completed in 2012).

What is our project?

We have always been a school that is trending in education and technology. And during the year of 2012-2013, some of the HHES teachers interrogated an essential question:

Does the 1-4 grade students at HHES have the essential technology skills for using and understanding conventional and current tools, materials and processes to assist themselves in excelling in their grade-level curriculum?



Because of this question, a Flip Classroom Committee was formed. The committee, made up of 4 fourth grade teachers, 1 third grade teacher, 1 second grade teacher, and myself, Natalie Breen, the Education Technology Integration Specialist, was designed to assist and develop a series of steps to improve the overall learning and absorption of the curriculum standards.

The goal of this project is to successfully implement a flipped classroom model throughout our elementary classrooms. We feel that flipping our classes will provide students with more individualized lesson content, all while providing time for rigorous application of lesson content in class. The flipped classroom approach meaningfully engages students, targets their unique interests, and peaks their curiosity, which accommodates for different learning paces. Flipped lessons can be applied to all subject matter across all grades, making our project extremely versatile and useful.

Where are we in our project?

Over the past month, our committee is in full swing. We have finished analyzing the theory of Flip Classroom by reading “Flip Your Classroom” by Bergmann and Sams, and are taken excruciating measures to figure out the best equipment and/or mythology to utilized success.

At the moment, we are in the software training, lesson planning and purchasing state.

Some of the software that we are training in is:

- Explain Everything app (Price \$4.99), which lets the teachers access their Google accounts and/or DropBox, to upload Promethean flip charts and/or other created documents from their

accounts. The app was found very easy to use. After the completion of the screen casted lesson, it was easy to save and shared out into the student's Gclass folders.

- Gclass Folders (Free)
- Screencast-o-matic (Free), a software found online that allows the teachers to utilized their laptops and create recorded video lessons.
- ASUS Memo Pad tablet, learning the Android Interface, processors, and operations.

What we equipment we purchased:

- 7- ASUS Memo Pad FHD 10 ME302C-A1-BL 10.1-Inch 16GB Tablet. (Price \$240.00 per).
- 7- 8 GB SD cards were also purchased. The teachers can than save their information to the SD card, which can then be plugged into the ASUS tablets to further assist with the delivery of information. (Price \$7.65 per)



- 7 - Logitech Clear Chat Comfort/USB Headset H390 that can be used with the teacher's commissioned laptops for screen casting.

• 200 DVD CD and paper sleeves - the concern was how many families do not have suitable internet access or computerized devices at home? We needed to include how we were going to make this practice accessible for all and that was portable data storage devices. The first thought was thumb drives, but further decision made it clear that if that population, who may not have internet capability at home, may not have a computer either. We brainstormed and realized that almost all the households have a DVD player at home. So, we changed our thought to including small capacity recordable DVDs instead of the thumb drives.

- 7 - Evcase SlimBook Leather Folio Stand Case Cover
- 7 - 2 year warranty for each tablet.



We are also planning and implementing our first Flip Classroom lessons in the next few weeks. Stay turn to hear how they turned out.