

1:1 Initiative 2016-17

WE ARE READY!

“All the technology in the world won’t make a difference if educators don’t know how to leverage it for deeper learning. Buying hardware is only the first step. It’s what educators do with these tools that will determine a technology initiative’s success or failure.”

Peggy Grant, PhD
Literacy Education

we're Taking Off!



Our January Pilot Program

All Systems Go

Microsoft Training



LHS PILOT PROGRAM



Mrs. Lori Perez
Mrs. Rebecca Emert
Period 2 and 6



Mr. Jeffrey Wieboldt
Pre Calculus
Period 4 and 8

WHAT LHS TEACHERS ARE SAYING



WHAT LHS STUDENTS ARE SAYING



1:1 LHS Student Survey

64 respondents using a Surface

Was the device easy to carry to and from school?	Did the fully charged battery last the entire school day?	How would you rate keyboard size and comfort?	How was your experience using the digital pen (compared with using paper & pen?)
YES (95%)	YES (89%)	ACCEPTABLE (53%)	Harder (44%)
NO (0%)	NO (6%)	SOMEWHAT ACCEPTABLE (39%)	Equal (34%)
NO RESPONSE (5%)	NO RESPONSE (5%)	UNACCEPTABLE (8%)	Easier (19%)
			Did not use pen (3%)

1:1 HMS Student Survey

31 respondents using a Lenovo

Was the device easy to carry to and from school?	Did the fully charged battery last the entire school day?	How would you rate keyboard size and comfort?
YES (58%)	YES (94%)	ACCEPTABLE (71%)
NO (42%)	NO (6%)	SOMEWHAT ACCEPTABLE (29%)
		UNACCEPTABLE (0%)

WHAT HMS TEACHERS ARE SAYING



Mrs. Laurie Bisconti's 8th Grade Social Studies class and Mrs. Kash Lang's 8th Grade ELA class participated in the pilot during the month of January 2016

WHAT HMS STUDENTS ARE SAYING



We Believe

8 Things to Look for in Today's Classroom

by George Couros

1 VOICE

★ Students should learn from others and then share their learning.

8 CONNECTED LEARNING

★ Bring experts into your class via social media and video-conferencing.

7 SELF-ASSESSMENT

★ Important that students know how to do this.
★ Use portfolios.



6 PROBLEM SOLVERS/FINDERS

★ Give students tough challenges and let them find innovative solutions.



2 CHOICE

★ STRENGTH-BASED LEARNING
★ Give students a choice.

3 TIME FOR REFLECTION

★ EVERYONE (teachers, admin, students) should write and reflect on what is being learned.

4 OPPORTUNITIES for INNOVATION

★ Example: Build a hovercraft from a YouTube video!



(yes, it can be done!)

5 CRITICAL THINKERS

★ Ask questions and challenge what you see.



CLASSROOMS need to be LEARNER-FOCUSED

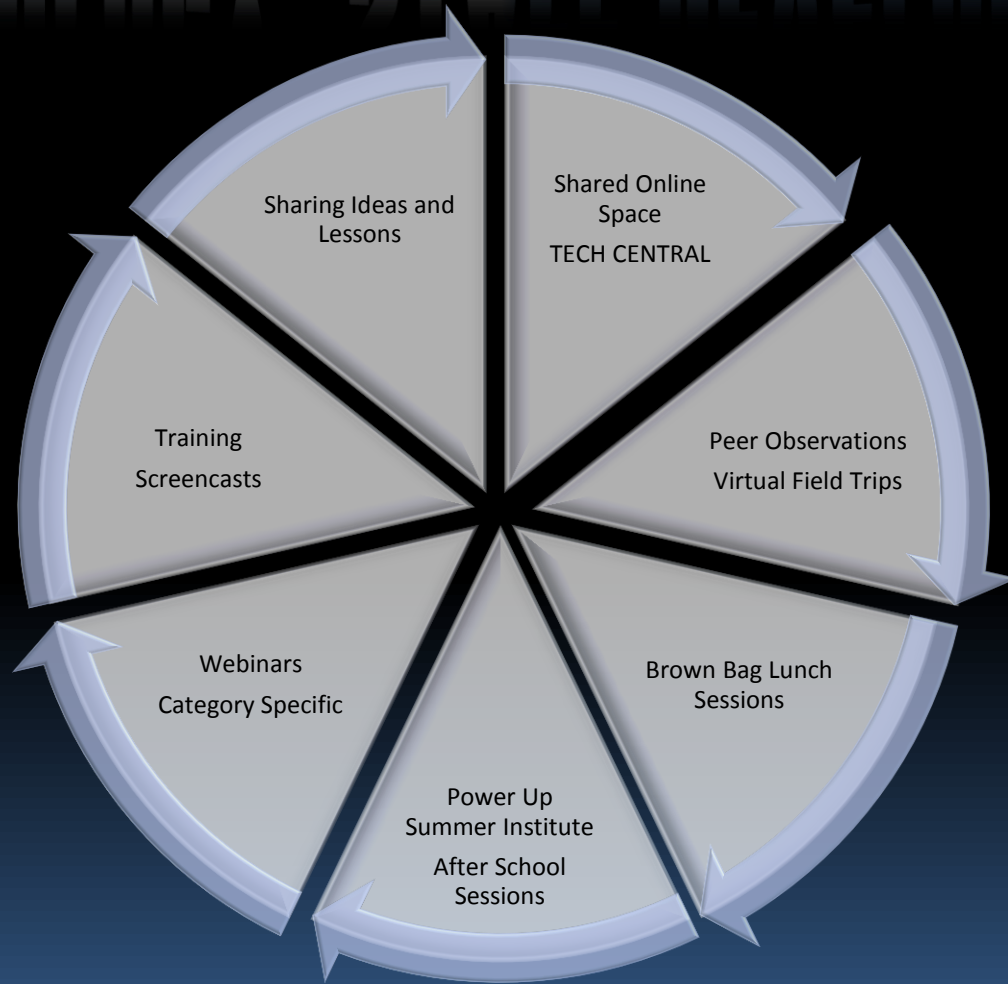


WHAT DOES IT LOOK LIKE?

To support a system wide initiative, all educators and staff need professional staff development that:

- Offers **REGULAR** access to **DIVERSE** professional learning opportunities
- Provides opportunities based on **EDUCATORS' NEEDS AND REALITIES**
- Focuses on both learning **TO USE TECHNOLOGY** AND **USING TECHNOLOGY TO LEARN**

TECHNOLOGY STAFF DEVELOPMENT



TECHNOLOGY STAFF DEVELOPMENT

OUR TEACHERS ARE READY FOR 1:1

We Started Early . . .

2014 – June 2015 Technology Course Offerings

- | | |
|---|---|
| <ul style="list-style-type: none">• School Wires and One Drive• Fun with Tech and Lan School• Leveraging Online Tools for Differentiation• Edmodo (Beginner Class and Advanced Class)• Google Apps for Education• Google Classroom• Lan School• Differentiating Learning Using Screencasting | <ul style="list-style-type: none">• Using Tech for Formative Assessments:• Teaching 2.0• Increasing Participation: Blogging• EDpuzzle• Peardeck vs. PowerPoint• Technology in the Classroom and in the Cloud• Smart Board - Basics and Advanced• Website Basics and Beyond• Designing Instruction for the Digital Learner |
|---|---|

Summer 2015 - 24 Teachers Attended a One Week GOOGLE Summer Workshop

TECHNOLOGY STAFF DEVELOPMENT

OUR TEACHERS ARE READY FOR 1:1

During the Current 2015 – 16 School Year:

- 30 Tech Sessions were offered throughout the district on Oct. 12, 2015
- Tech PD continued in every school throughout the year with designated Tech Coaches, Teacher Trainers and TEQ
- Every teacher in the district participated in technology staff development

LHS STAFF DEVELOPMENT

OUR TEACHERS ARE READY FOR 1:1

LIVINGSTON HIGH SCHOOL Current Focus Windows 10/OneDrive/Office365 and More

October 12, 2015	Full Day Blended Professional Development
November 19	GradeCam, Google Classroom
December 8, 10, 15, 17 22	OneDrive/Office 365 (Beginner- Level 1) Brown Bag Lunch Sessions
January 8 – Blocks 4,5,6 January 12 – Blocks 4,5,6 January 22 – Blocks 1,2,3 January 25 – Blocks 1,2,3	OneDrive/Office 365 (Beginner- Level 1) Sessions Full Block Sessions Surface Device Orientation
February 1 – Blocks 1,2,3, February 8 – Blocks 1,2,3, (23 sessions)	OneDrive/Office 365 (Beginner- Level 1) Full Block Sessions Surface Device Orientation
March – June Dates TBA	OneNote (prerequisite OneDrive/Office365)

MIDDLE SCHOOL STAFF DEVELOPMENT

OUR TEACHERS ARE READY FOR 1:1

MT. PLEASANT MIDDLE SCHOOL AND HERITAGE MIDDLE SCHOOL 2015-16

September 2015	Kahn Academy set up with Grades 6,7,8 Google Classroom set up with Grades 6,7,8 Fluency Tutor Reading- Special Education
October 12 2015	Full Day Blended Professional Development Brain POP, Pen Pal Schools. EDpuzzle trainings
November 2015	Measure Up Live Grade 6 Math, Padlet, Big Ideas Math, Hour of Code, Hoops for Heart EDpuzzle
December 2015	Full Day Office 365/OneDrive training in HMS HMS Science EDpuzzle, Smart Notebook, Nearpod
January 2016	Exit Ticket Automation, Screencasting ELA and Social Studies training, Edcite, EDpuzzle, Nearpod, Moovly, Tips & Tricks,
February 2016	Word to Smart Notebook, PPT and OneNote, Make A Map,

ELEMENTARY STAFF DEVELOPMENT

OUR TEACHERS WANT STUDENTS TO HAVE MORE ACCESS TO TECHNOLOGY

ELEMENTARY SCHOOLS 2015-16

September 2015

Google Classroom set-up, Google Docs, Google Slides, Google Research

October 2015

My BrainPop teacher set-up, Google Drive and file management, Chrome Add-ons and extensions, Google shortener

November 2015

Google Forms, Word Clouds, SMART Exchange, SMART Board-friendly elementary websites

December 2015

SMART Board Activity Builder, Tynker Hour of Code, Unplugged coding, Bee-Bot coding, Brain Pop Code Monkey

January 2016

Word study websites, Brain Pop Blockly coding, Scratch coding, SketchUp design, MS Paint, Kidspiration template creation

ELEMENTARY STAFF DEVELOPMENT

TEQ TRAINING SESSIONS 2014-16

TEQ Training - 2014-2015

Burnet Hill	Collins	Harrison	Hillside	Mt. Pleasant Elem.	Riker Hill
February 24	February 11	February 23	February 12	February 13	February 23
March 24	February 27	February 26	February 26	February 27	February 27
May 15	May 15	June 9	May 14	May 20	May 20
May 29	June 1	June 15	June 11	May 27	June 12
June 2	June 5	June 17	June 15	June 1	June 18
June 10	June 8			June 5	June 22

TEQ Training - 2015-2016

Burnet Hill	Collins	Harrison	Hillside	Mt. Pleasant Elem.	Riker Hill
October 26	October 16	November 13	November 4	November 10	December 15
December 9	December 1	January 20	January 6	December 8	January 14
January 20	January 22	February 19	February 9	January 12	February 16
March 16		March 10		February 24	March 16

1:1 PD CALENDAR OF EVENTS

OUR TEACHERS ARE READY FOR 1:1

2016-17	
Spring 2016	After School Sessions Brown Bag Lunch Sessions Prep Period Sessions
Upon Teacher Laptop Deployment	Device Introduction, Device Management and Settings, Windows 10
Summer 2016	ONE WEEK POWER UP TECHNOLOGY IMMERSION Tech Pedagogy/Tech(nique) OneDrive/Office365/OneNote and Screencasting
September 1, 2016	Full Day Blended Professional Development Day
Ongoing through 2016-17	POWER UP TECHNOLOGY IMMERSION Brown Bag Lunches Designated One-Two Hour Sessions Office365/OneDrive/OneNote training sessions Content Specific Software Trainings Flipping the Classroom Screencasting Train the Trainer Sessions - Teacher Duty = Tech Teacher Trainers

PILOT TAKEAWAYS

- **21/26 (80%) of students in the Pre-Calculus pilot wrote a favorable recommendation for going forward with the 1:1 initiative.**
- **Once all system and bios updates were installed during the pilot, battery life was not an issue.**
- **While devices need to be updated regularly to ensure smooth operation and minimize technical difficulties occurring during instruction, “glitches” are bound to happen. Students and teachers will need to learn how to resolve technical issues themselves and with the assistance of a technical team.**
- **Students and teachers will require training in Windows 10, OneNote, OneDrive, and other applications as well as best practices for using their device. Becoming comfortable with technology will take time.**
- **Technology can be incorporated into curriculum as it makes sense. Sometimes, paper & pen can be more effective than a digital approach. Not all classes will use technology to the same extent.**
- **Digital inking can be very beneficial for many students and in various subject areas.**
- **AN UNEXPECTED positive: This initiative has a trickle down effect on families with multiple siblings. Now younger siblings in the district will not have to share the family laptop with HMS and LHS students for homework and projects!**
- **Software/Probe Testing was done with the Surface for particular content areas that need intense processing to deliver curriculum**

1:1 Initiative 2016-17

"The mediocre teacher tells. The good teacher explains. The superior teacher demonstrates. The great teacher inspires." - William Arthur Ward

**WE ARE ASKING FOR THE TOOLS WE NEED
TO INSPIRE OUR STUDENTS**