

# TRANSFORMING LEARNING EVERYWHERE

The Hamilton Wentworth District  
School Board

# THE TLE PROJECT

The HWDSB is engaged in "a process to enhance instruction, to invite students to engage in rich learning tasks and to rely on student voice to drive the learning environment in classrooms and through technology" (Transforming Learning Everywhere, 2014 pp. 2).

# The TLE Project

We are doing this by:

- Transforming Learning Environments
- Transforming Relationships
- Transforming Learning Opportunities

# Transforming Learning Everywhere

At Cathy Wever Elementary

FDK - 8

Jane Burlanyette - Teacher-Librarian

# Quick Facts about Cathy Wever Elementary

- \*FDK – grade 8
- \*Opened in 2006
- \*High needs Inner City School
- \*Population 630
- \* Diverse community with 25% of students having a language other than English as their first language (ESL population is 141)
- \*Last year, ranked 2791 out of 3030 schools (lowest 8% in the province).
- \*Last year, 73.6% of students not meeting provincial standards in reading (compared to 35.6% at the provincial level)

## Our Journey so far....

- \* Began the 1:1 TLE initiative in September 2014
  - \* iPad minis were rolled out to parents – access to IT team on site at time of distribution
  - \* Currently all students (and teachers) in grades 4-8 have individual access to an iPad.
  - \* teachers regularly updated on current trends in available applications, use of iPads as a diagnostic/learning tool and as a tool for evaluation of student work.
  - \* students (and teachers) learning to use technology as a tool to enhance their learning - to demonstrate process as well as product.

## School Rationale/Focus as it pertains to TLE and Inquiry:

"Students at Cathy Wever are encouraged to take risks and think deeply about the world around them and the citizens they want to be. Technology is used as an accelerator to this learning."

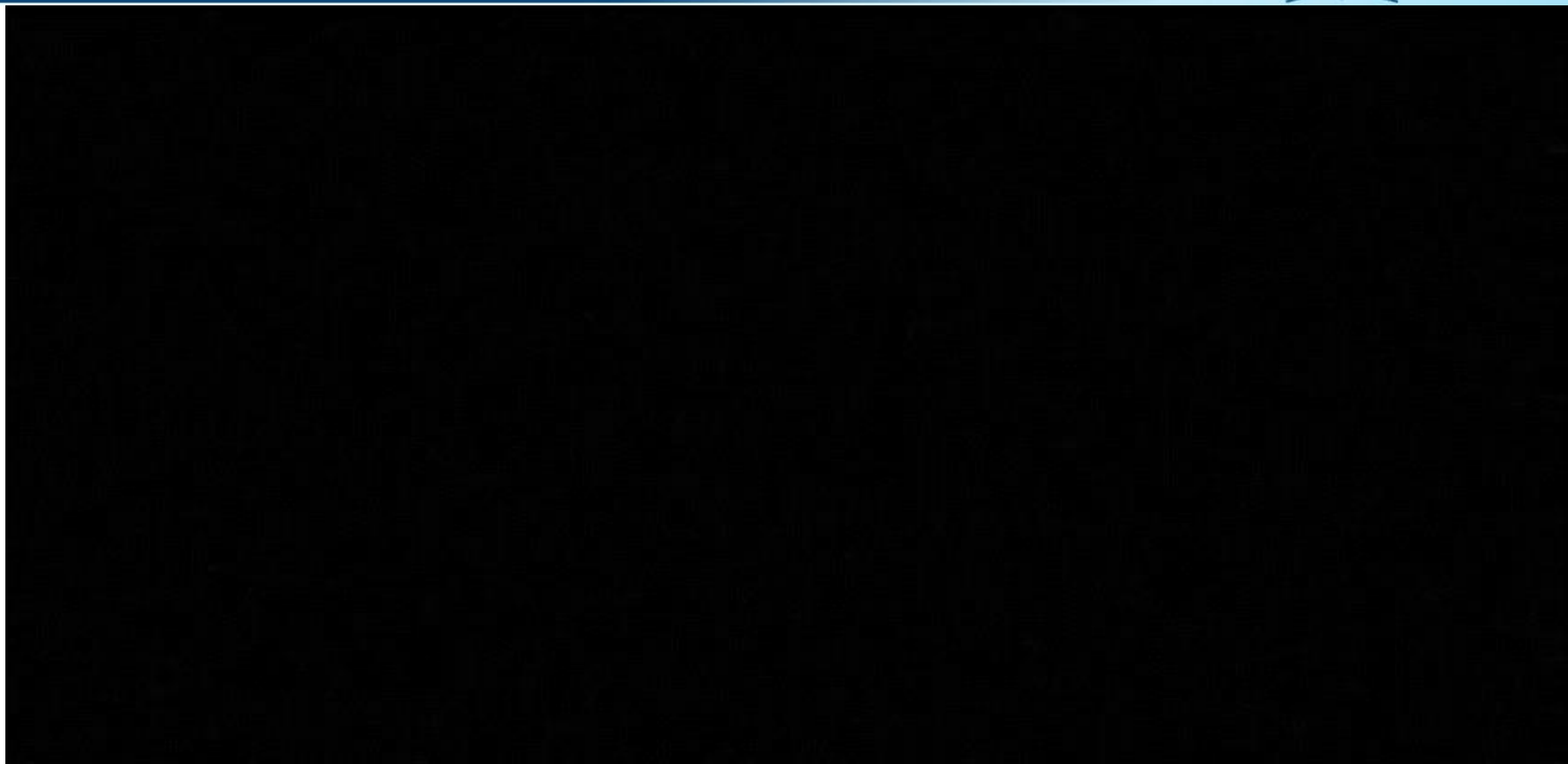
# Role of the teacher-librarian in the TLE Process

- \* meets with grade teams and/or individual teachers to collaboratively develop and implement cross-curricular inquiry-based learning experiences for the students
- \* models the integration of technology into the classroom program
- \* models and teaches the information skills found in the inquiry process
- \* models and teaches digital citizenship
- \* creates and shares lists of print and digital resources related to inquiries



# ROLE OF THE TEACHER-LIBRARIAN IN THE TLE PROCESS

- \*keeps current on any new resources and technology that would impact on student success (HUB)
- \* provides professional development for staff around technology and inquiry-based learning across the curriculum
- \* manages and schedules use of the Learning Commons
- \* liaises between System Support Staff and school staff



# THE TLE PROJECT:

## The 9 to 12 Approach

The Henderson Experience – Theresa Price, Secondary Teacher Librarian

# THE TLE PROJECT: The Background

- Nora Frances Henderson came together as a school in September of 2014.
- We became the TLE Secondary pilot school for HWDSB.
- Staff and students alike received iPads as part of the one to one pilot.
- Our focus was, and still is, to use these tools to support the Inquiry Based Learning model.

# THE TLE PROJECT:

## The Belief

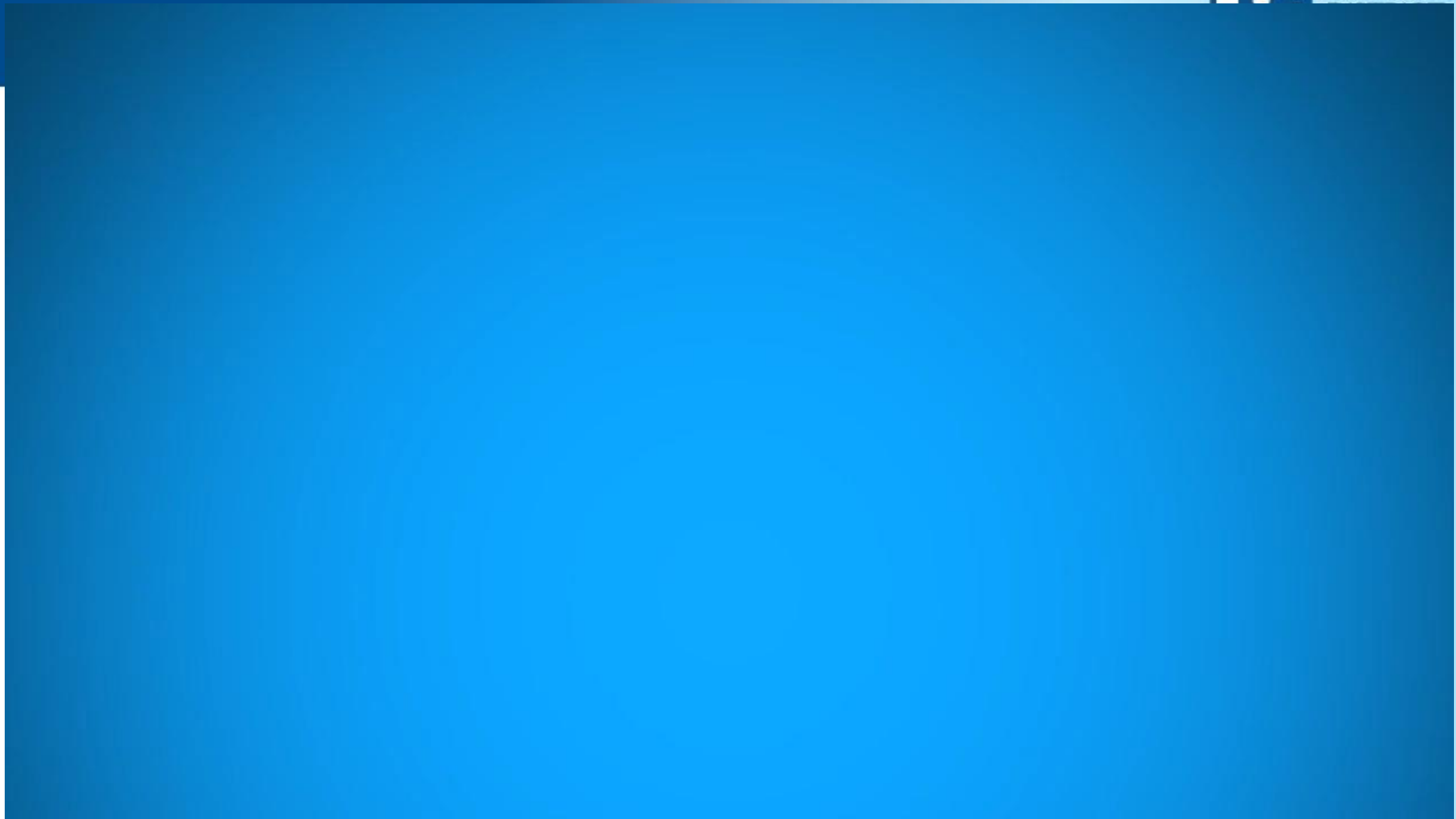
“We know that putting devices at the point of learning through 1:1 technology for staff and students, is an effective way to create personalized, collaborative, inquiry-based learning environments. It also provides equitable access to technology for each and every student in HWDSB”

(Transforming Learning Everywhere, 2014 pp. 5).

# THE TLE PROJECT:



## The Results



# THE TLE PROJECT: The Tools

- 1 to 1 iPad technology
- Apple TV's
- Projectors
- THE Hub (Desire2Learn - the provincial vLE)
- Wireless a MUST



# THE TLE PROJECT:

## What we learned our first year

- There needed to be some structures in place around use of iPads in school and at home (Air Watch/App Catalogue)
- Use the technology as a tool – not the “everything” of teaching
- A solid infrastructure is crucial to the success of the project

# THE TLE PROJECT:

## The Role of the Learning Commons

A library is, by its very nature, an environment of Inquiry Based Learning, therefore the role of the LC is to:

- Support for staff and students – embrace the technology and engage with all learners; using print and digital resources
- Teach Digital Citizenship
- Teach staff and students the “HOW” of researching and less of the “WHERE”

# THE TLE PROJECT:

## The Role of the Librarian

My personal role evolved with the change in focus at the school:

- Much more hands on
- Strong in a technology background
- Almost an IT position
- Some sacrifice of the collection for digital resources

# Question and Answer Period