

The image features a dark blue, angular shape on the left side, resembling a stylized arrow or a folded piece of paper, pointing towards the right. The text "Navy Digital Transformation" is written in white, bold, sans-serif font within this shape. Below the dark blue shape, there is a horizontal orange bar that also points to the right. The background is a light blue gradient on the left and white on the right.

Navy Digital Transformation



Welcome

Navy Elementary School

Jon Coch, Principal; Stacey Sinclair, SBTS;
Meghan Gural, Laura Delaney, Brooke Henderson, and Carey Workman 3rd
Grade Teachers



TONIGHT'S PURPOSE

- Why is Digital Transformation important?
- What does Digital Transformation look like at Navy now?
- What are our goals for Digital Transformation in the future?
- What are teachers and students experiencing through Digital Transformation?

1

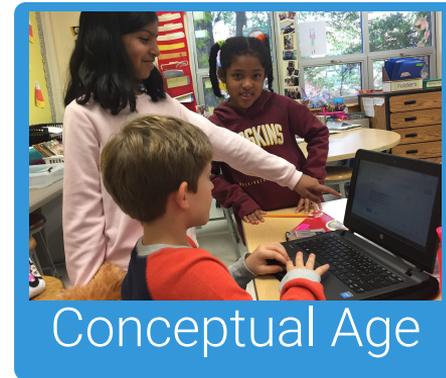
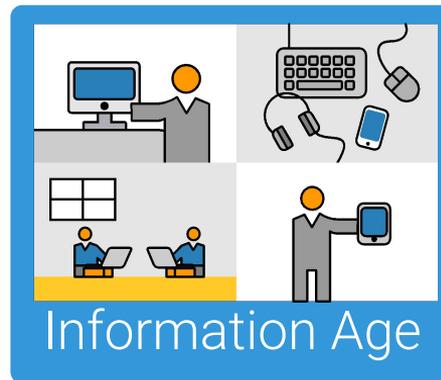
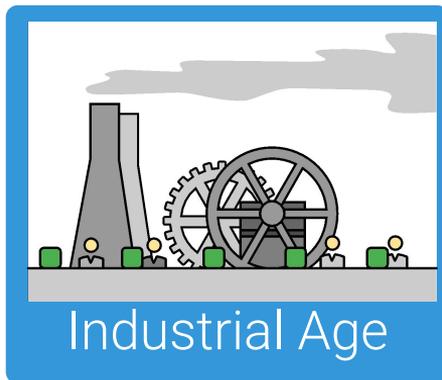
Why is digital transformation important?

How does Digital Transformation support 21st Century learning?

“ *The old classroom model simply does not fit our changing needs. It's a fundamentally passive way of learning, while the world requires more active processing of information.*

-Salman Khan

FCPS and Navy: Responding to Society's Ask





FCPSon VISION STATEMENT

Enhance student learning and ensure that all students have equitable opportunities to develop Portrait of a Graduate attributes by providing all students with opportunities to control the time, place, path, and pace of their learning through meaningful learning experiences.

What does this mean?

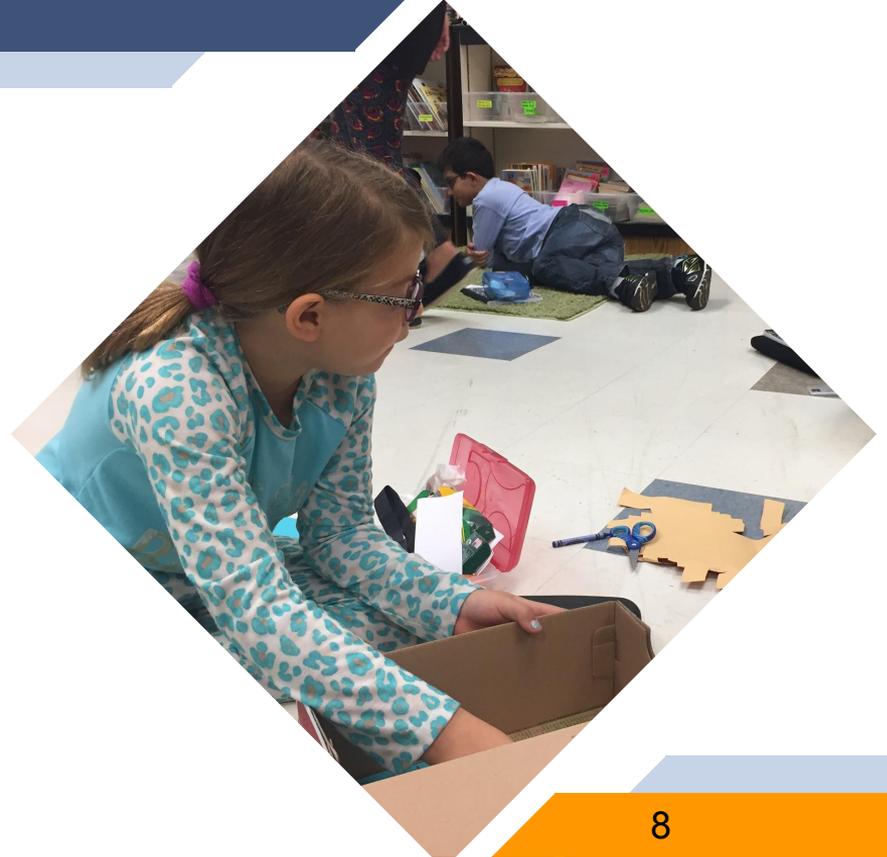
Technology provides opportunity for a more personalized and learner-centered environment that leads to Portrait of a Graduate outcomes.

FCPSon Information



GOALS FOR PBL AT NAVY

- High student engagement
- Obtain a deeper knowledge of the subjects
- More likely to retain the knowledge
- Develop confidence and self-direction through independent and teamwork
- Develop better communication with their peers and adults
- Work with the public and see positive effects of their work
- Understand how academic work connects to real-life issues
- Develop 21st century skills





FCPS PORTRAIT OF A GRADUATE

Communicator



Creative and Critical
Thinker



Collaborator



Goal-Directed and
Resilient Individual



Ethical and Global Citizen



For More Information
on FCPS' Portrait of a
Graduate

[https://www.fcps.edu/about-fcps/
portrait-graduate](https://www.fcps.edu/about-fcps/portrait-graduate)



SUPPORTING PBL & PORTRAIT OF A GRADUATE

Project-
Based
Learning

**Navy's Digital
Transformation**

Portrait of a
Graduate



- *Teachers will use technology to further student learning through meaningful learning experiences.*
- *Students will begin to develop Portrait of a Graduate attributes.*
- *Students and teachers will use technology in the learning process.*
- *Students will have access to contemporary and effective technology resources.*

**FCPSon
Goals**

2

What does digital transformation look like?

How are 1:1 devices supporting 21st Century Skills and PBL at Navy?



Survey Results

A Digital Transformation Survey was given to 3rd grade students and their parents.



What does 1:1 look like in the classroom?

This video shows typical lessons and activities in our third grade classrooms. Look for examples of digital, analog, and blended learning taking place.





How are our teachers prepared for this new way of teaching and learning?

FCPS Professional Development

In-person courses that highlight blended learning and enhancing PBL with technology.

Online Courses

Courses offered online that highlight and model a blended approach to teaching and learning.

In-Person Networking

Site visits to successful FCPSon schools, reaching out to individual teachers and mentors, team planning opportunities.

3

What are our goals for Digital Transformation?

How will Digital Transformation support 21st Century learning at Navy?



In a world where the answer to almost any question is only a Google away, what skills do our students need to learn?

Our Goal - To prepare our students for future success - especially in jobs that don't yet exist!

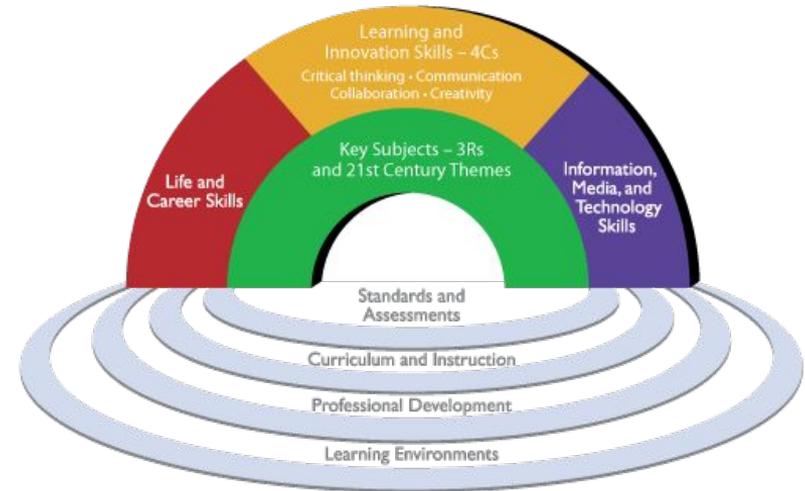


21st Century Learning at Navy

Navy's Digital transformation is designed to support both Portrait of a Graduate Attributes and 21st century skills.

P21 Framework for 21st Century Learning

21st Century Student Outcomes and Support Systems



© 2007 Partnership for 21st Century Learning (P21)
www.P21.org/Framework



NAVY'S DIGITAL TRANSFORMATION GOALS

2017-18

All 3rd grade students receive a laptop to use at home and school.

2018-19

The 1:1 program grows. Two grade levels will be receiving a laptop for school and home. Availability of mobile labs increases for grade-levels that are not yet 1:1.

Beyond

The 1:1 program increases by one grade-level each year. Availability of mobile labs increases for grade-levels that are not yet 1:1.

4

What are FCPS' goals for Digital Transformation?

How will our work at Navy support students as they progress in FCPS ?



NAVY'S DIGITAL TRANSFORMATION GOALS

STUDENTS

- Weekly digital citizenship lessons
- Increased control over time, path, place, and pace of learning.
- Growth in engagement and 21st -Century Skills.

Teachers

- Increased opportunity for differentiation and personalization of student learning.
- Continued training in blended learning and enhancing PBL with technology.



THE CHANTILLY PYRAMID IS ALREADY 1:1

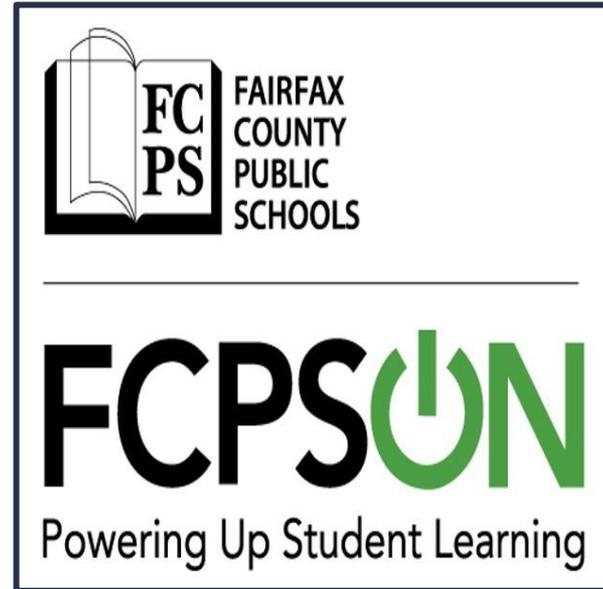
FCPSOn was implemented in 15 schools during the 2016-2017 school year. The initial year of implementation of FCPSOn was very successful. The Center for Research and Reform in Education at the Johns Hopkins University School of Education conducted a study of the initial year of implementation. The purpose of the study was to evaluate professional development and the progress towards meeting the intermediate goals of the Program. [Read the JHU FCPSOn Research Study](#). The Center also provided a [Review of the Research Literature on the Infusion of Technology into the School Curriculum](#).





FCPSon YEAR 1 UPDATE

Fairfax County Public Schools has looked to other school systems that are implementing programs similar to FCPSon. The lessons learned from these systems informs the planning and implementation of FCPSon. One school system that FCPS has learned a tremendous amount from is Baltimore County Public School's S.T.A.T. (Students & Teachers Accessing Tomorrow) Initiative, which has also been evaluated by the Center. The S.T.A.T evaluations from the Center for Research and Reform in Education at the Johns Hopkins University School of Education are available on the [Baltimore County Public Schools website](#).



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What do Teachers and Students think?

How has Navy's Digital Transformation impacted Teaching and Learning?

What do our students say?

This video features responses to the question, “What is it like having 1:1 computers in third grade?”.





Survey Says!

We need your
feedback!

Please take a moment to
complete this brief survey.

<https://is.gd/NVloBC>

Paper copies available.

