Digital Learning in North Carolina- $88,000,000

This funding is part of a much larger effort, outlined by the Governor and the General Assembly in 2013, to bring Digital Learning to fruition as the state seeks to shift its resources to digital content and platforms.

The program builds off receipts anticipated from the Federal e-Rate program, local sources and private sources, and adds to the existing partnership between NCDPI's Division of Digital Teaching and Learning and NC State's Friday Institute, among others.

The funding breaks down as follows:
- **$57,000,000:** Textbooks and Digital Resources
- **$25,000,000:** Classroom Technology to create a starter fund toward Digital Learning Plan implementation, including professional development
- **$6,000,000:** Home Base to make the optional tools available at no cost to schools.

Why fund this?

➢ Access to digital learning tools and resources allow teachers to differentiate instruction for individual students leading to increased student engagement and student outcomes in the learning process.
➢ Home Base, North Carolina's suite of digital tools and resources, personalizes learning for students which saves the state and locals $33,000,000 a year. Included in the suite at no charge to districts are the required components - PowerSchool, the student information system and Truenorthlogic, the teacher evaluation and state-level professional development platform. Districts can optionally purchase Schoolnet, Canvas and the capacity to utilize the Truenorthlogic to provide local professional development.
➢ All components of Home Base need to be available at no cost to LEAs.
➢ Additional content resources, such as textbooks, classroom kits, activity-oriented programs and digital instructional content, are needed for teachers to develop lessons aligned to a student's specific instructional needs.
➢ Professional development is critical for preparing educators to implement the legislatively mandated Digital Learning Competencies (SL 2013-11; HB 23) and fully leverage digital age tools and resources to meet student needs.
➢ Over the last three years, LEAs and Charter Schools continue to need digital infrastructure and content as demonstrated by an over four-fold increase in bandwidth utilization, all while bandwidth costs decreased by more than 40%.
➢ Schools need additional network infrastructure and devices for students and teachers.

AN ECOSYSTEM FOR PERSONALIZED LEARNING IN NORTH CAROLINA

HOME BASE ℠

Instructional Improvement System
Schoolnet

- Create lessons with digital content and shared resources
- Develop and deliver aligned assessments for classroom or benchmark purposes
- Analyze data to inform practice

Educator Effectiveness System
Truenorthlogic

- Record and manage NC Educator Evaluation data
- Select online courses aligned to meet professional development needs

Student Information System
PowerSchool

- Manage school processes for attendance, grades and data
- Provide real-time feedback to parents, students, and educators
- Access to a multi-language parent portal
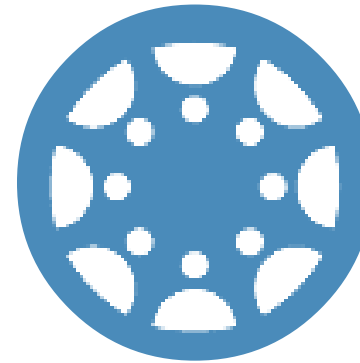
Learning Management System
Canvas

- Create and manage online course content with intuitive design that is easy for educators
- Engage students and teachers through discussion boards and collaboration spaces

Digital Resources
NC Learning Object Repository

- Find high-quality resources based on standards or search criteria
- Contribute to a shared repository of North Carolina made resources
- Integrates seamlessly with learning management systems

Required components of Home Base are provided at no cost to districts leveraging *economies of scale*
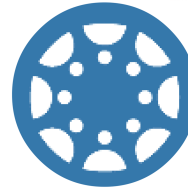
HOME BASE ℠

PowerSchool Student Information

Truenorthlogic Educator Evaluation & Professional Development

NC Learning Object Repository Digital Resources

Canvas Learning Management System

Schoolnet Instructional Improvement System

Home Base components available for purchase through state brokered convenience pricing

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TRUENORTHLOGIC

Online & Blended Learning Professional Development

93 Courses **189,449** Enrollment x **$300** Avg. cost = **$56,834,700** Educator Savings

POWERSCHOOL

Parent Portal

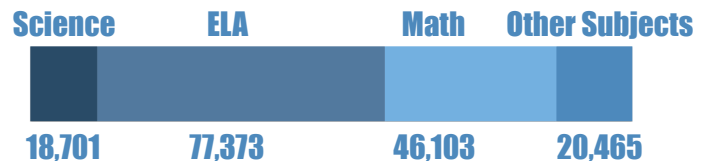**21.5 million** Mobile app logins **180,672** Avg daily logins

SCHOOLNET

Data / reporting modules of Schoolnet are essential to the instructional improvement cycle, providing teachers with instantaneous, rich, student learning data to inform instruction and improve student outcomes.

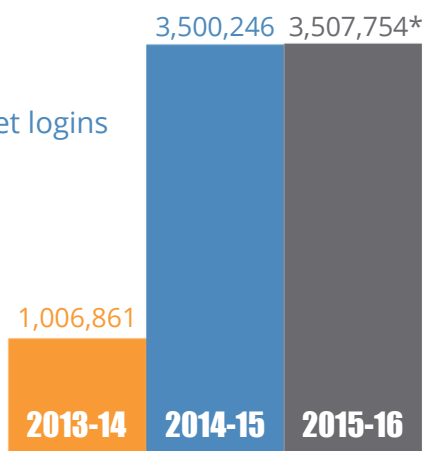### INSTRUCTIONAL RESOURCES BY SUBJECT AREA

Science ELA Math Other Subjects

24,950 **14,362** **15,052** **120,439**

ASSESSMENT ITEMS BY SUBJECT AREA

Science ELA Math Other Subjects

18,701 **77,373** **46,103** **20,465**

20,731,790
2015-16 Schoolnet logins as of 4/28/16

1,006,861 — 2013-14
3,500,246 — 2014-15
3,507,754* — 2015-16

Benchmark assessments submitted by students

Benchmark assessments created

3,802 — 2013-14
6,848 — 2014-15
8,485* — 2015-16

*As of 4/28/16

*As of 4/28/16