

school on wheels inc. Tutoring Homeless Children Since 1993

Technology Tools for Tutors

March 25, 2014

Ned Ludd



Luddites

Definition: Those opposed to, or slow to adopt or incorporate into their lifestyle, industrialization, automation, computerization or new technologies in general.

Antonym: You!

Why Embrace Technology?

- Technology is a reality
 - Students without access will fall behind peers
- Innovation
 - 65% of today's grade school kids will end up in jobs that have not been invented
- At School on Wheels
 - Help us work with more students
 - Help tutors be more effective
 - Supplements (not replaces) one-on-one tutoring



Blended Learning

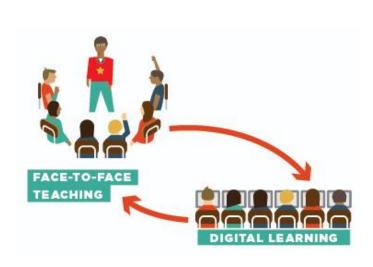
 A combination of in-person instruction and the use of online or computer-based tools

Some student control over time, place, path or pace

Evolving scary fast

Traditional Classroom

Rotation model

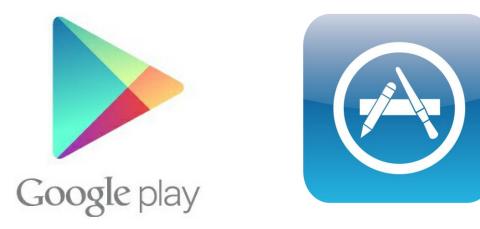




Our Current Programs



 An "app" is application software designed to run on smartphones, tablets and other mobile devices.



Google and Apple have over 1,000,000 apps in their stores

 As of 2012, the Internet is accessed more through apps than through mobile browsers

 In 2013, apps were downloaded over 100 billion times

In 2014, smartphone users worldwide will total
 1.75 billion

Self-contained

Direct instruction or game-like

 Many don't need an Internet connection after download

Free or relatively cheap



Benefits

Locations without Internet access

Good for group tutoring using a rotation model

As a reward in one-on-one situations

They're fun!





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Home > Tutor Center > Summer Program > Apps to FIII In the Gaps

Apps to Fill in the Gaps

Below is a list of Educational Apps that can be downloaded to smartphones or tablets. Note that some of the apps need Internet to work and some will work without Internet (after they are downloaded). The Operating System is shown for each app and they all are either free or available for a low price.

Apps for All Ages



Reading Trainer Subject: Reading Need Internet: No Android iOS Windows



Math Workout Subject: Math Need Internet: No Android iOS



Math Genius Brain Teaser Subject: Math Need Internet: No Android



Math Genius Trainer Game Subject: Math Need Internet: No iOS



Mathway Subject: Math Need Internet: No Android iOS



PopMath Subject: Math Need Internet: No Android iOS



Google Sky Map Subject: Science Need Internet: Yes Android iOS



Category Quiz Subject: Multiple Need Internet: No Android



Trivium Subject: Multiple Need Internet: No iOS



Cognitive Styles CBT Test Subject: Self-Help Need Internet: No Android



4 Pics 1 Word Subject: General Need Internet: No Android iOS

Digital Learning















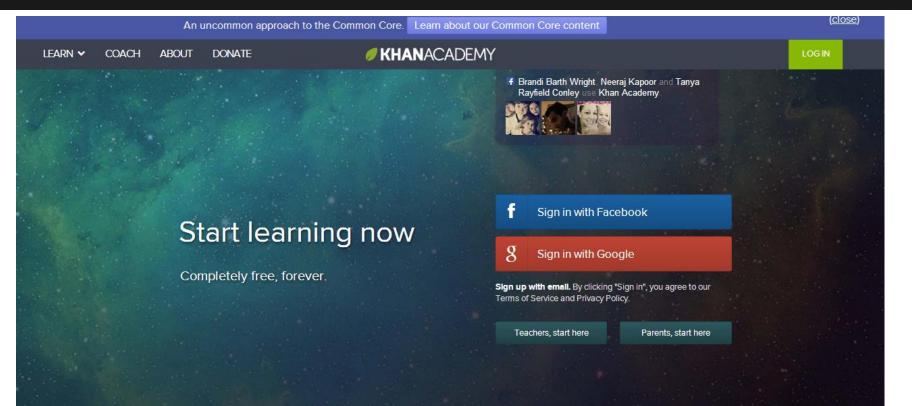
Benefits

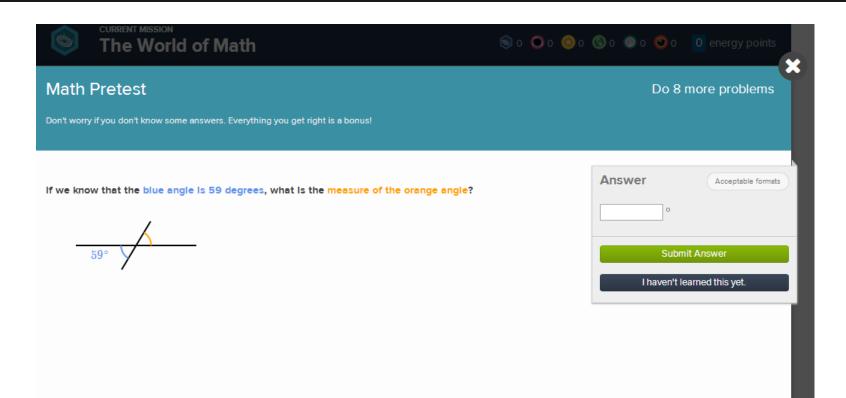
- Free to everyone
- Great for locations with Internet access
- Printable lessons for sites without Internet access
- Self-motivated students
- Tutors who know the level of their students

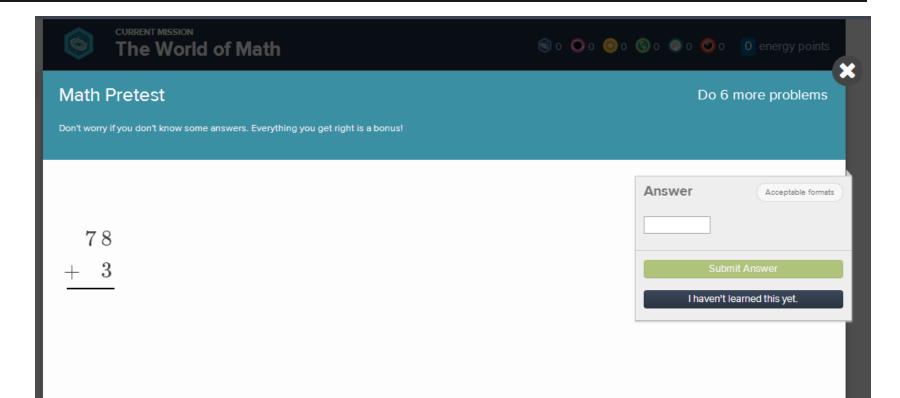
Learning should be:

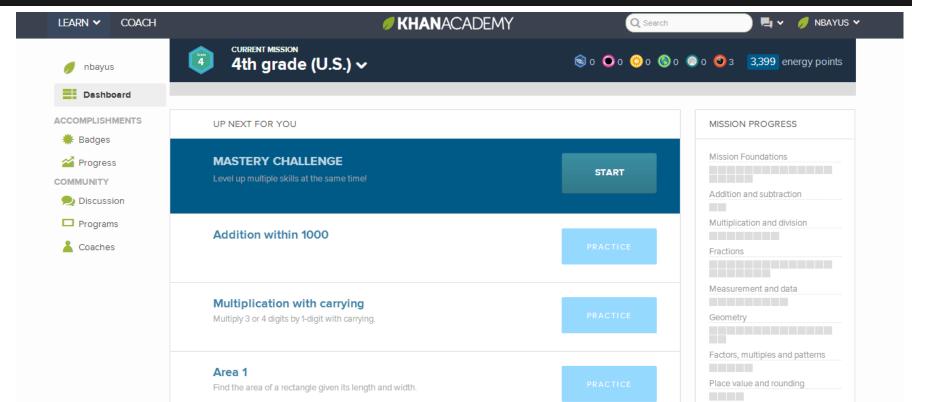


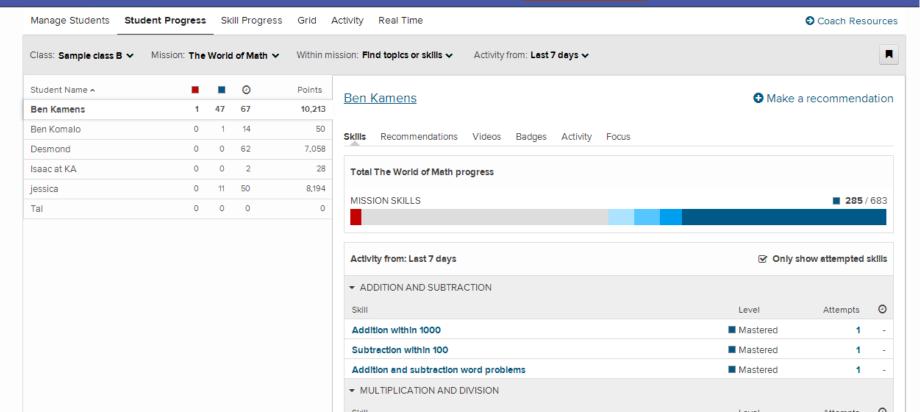
- **Personalized** for learners to move at their own pace
- Focused on mastery to fill learning gaps in foundational understanding
- Interactive and exploratory



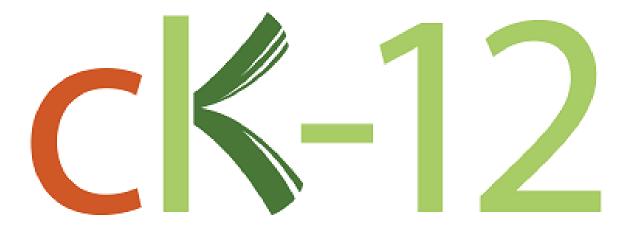








ck-12



PowerMyLearning



Español

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Find and use thousands of FREE games, videos, and interactives in all major K-12 subjects and aligned to the Common Core.

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Discover thousands of FREE activities. connect with your child, set learning goals and rewards, and monitor assignments.

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Join Now

Students

Earn Power as you use thousands of FREE activities, join classes, track assignments, and see how your friends are doing.

Learn more >

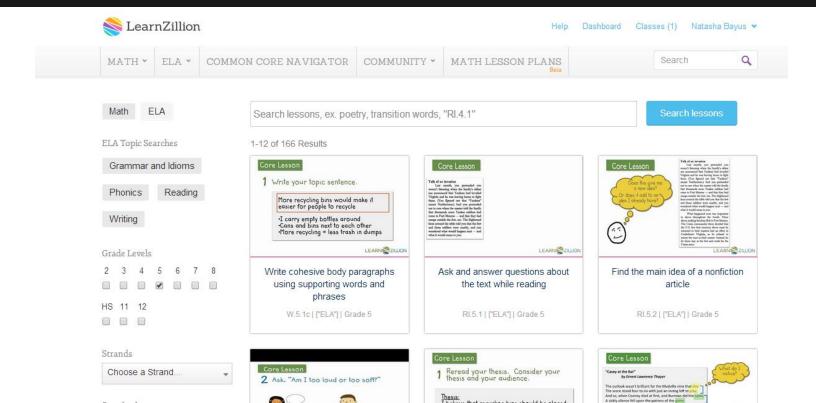
Join Now



Learn Zillion



Learn Zillion



Learn Zillion

COMMON CORE: RI.6.1 | BY: ANDREA LEMON Close reading informational RESOURCES FOR THIS LESSON text: "Girl Power" I Draw inferences from the text RI.6.1.RI.6.2.RI.6.3.RI.6.4.R Lesson Slides In this lesson you will learn how to make a valid inference by analyzing parts of a text. (1) Analyze key eve... Guided Notes Quick code Assign Calendar * Add to favorites (2) Analyze text stru... 1. Write an inference. Core Lesson RESOURCES FOR THIS LESSON (3) Determine the ... SET From the beginning, Daisy wanted the Read Aloud (4) Draw inference... Girl Scouts to be inclusive, meaning that Video it would be open to girls of any race, background or financial situation. The ■ Text (5) Determine the ... girls would be encouraged to be independent, to make their own choices, and to develop their talents and skills. (6) Evaluate an arg... They would also be challenged to learn GENERAL RESOURCES new things. Daisy thought it was important for the girls to spend time Parent letter outdoors, so camping, swimming and playing sports such as basketball were □ Discussion protocol

Digital Learning















Online Tutoring



Stoodle



Benefits

Reach more students

New populations of volunteers

Longer relationships

Additional help

Write a sentence using each word in the space provided.

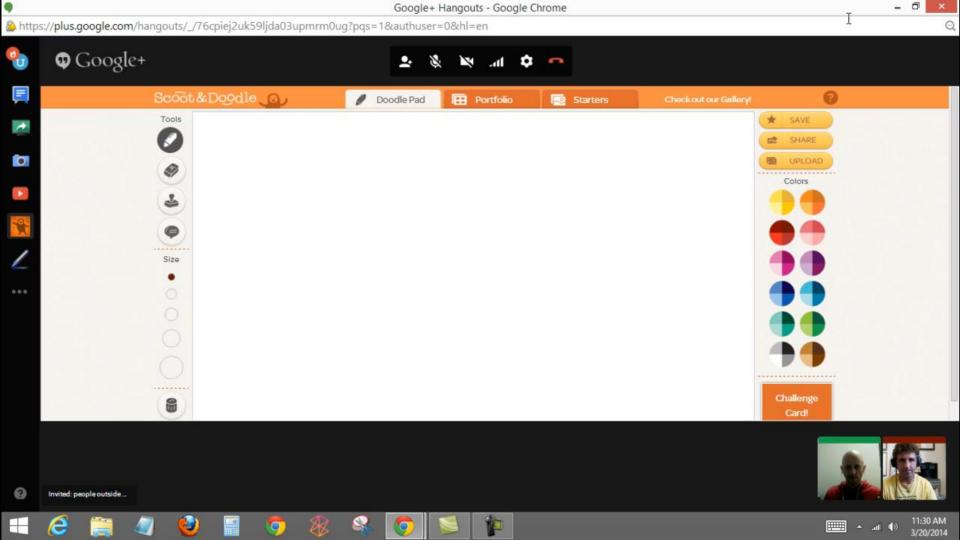


Needs

High speed Internet on both ends

Older students (4th Grade and up)

Non-Luddite tutor



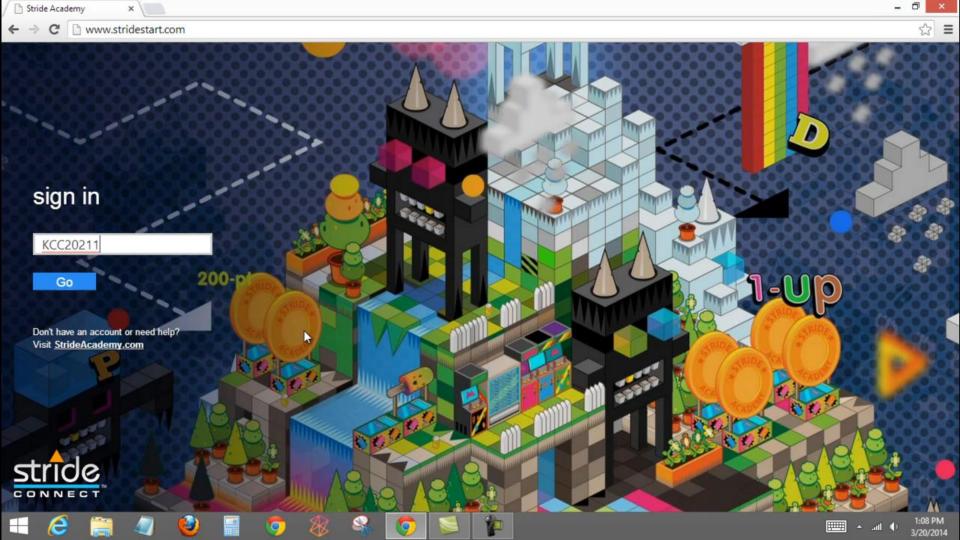
Adaptive Learning

Uses computers as interactive teaching devices

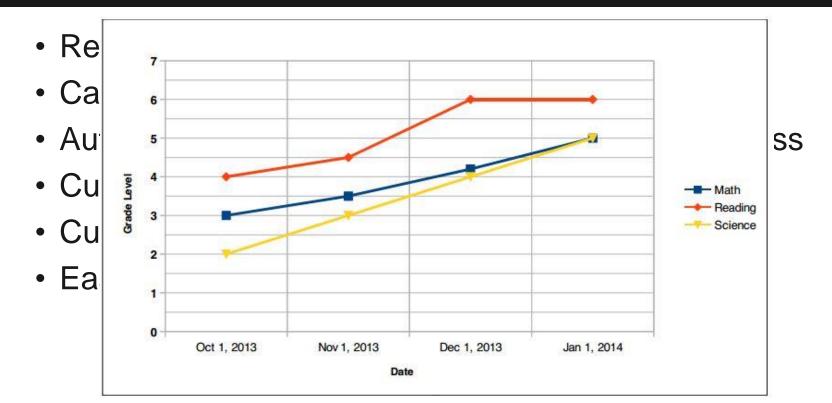
Usually game-like to engage students

Adapts to students' learning needs

Fills in the gaps



Stride Academy



Benefits

Longer-term shelters

Computers and Internet access

Group tutoring using the rotation model

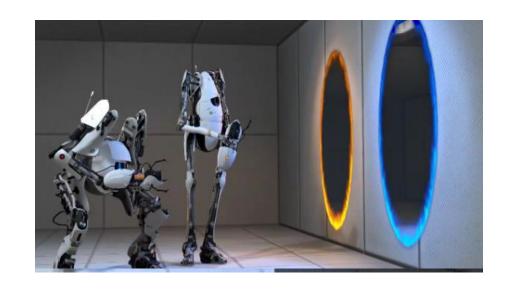
Assessment and supplement for one-on-one tutoring

Possible Future Programs

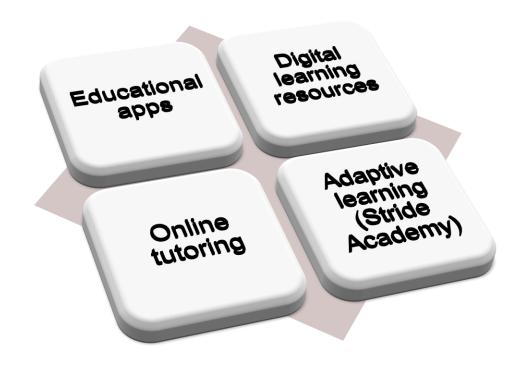
Gaming

Online collaboration

Virtual field trips



Our Current Programs









School on Wheels is using blended learning – education that combines face-to-face teaching methods with digital learning tools – to fill in the educational gaps of homeless children in kindergarten through twelfth grade.

Questions



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