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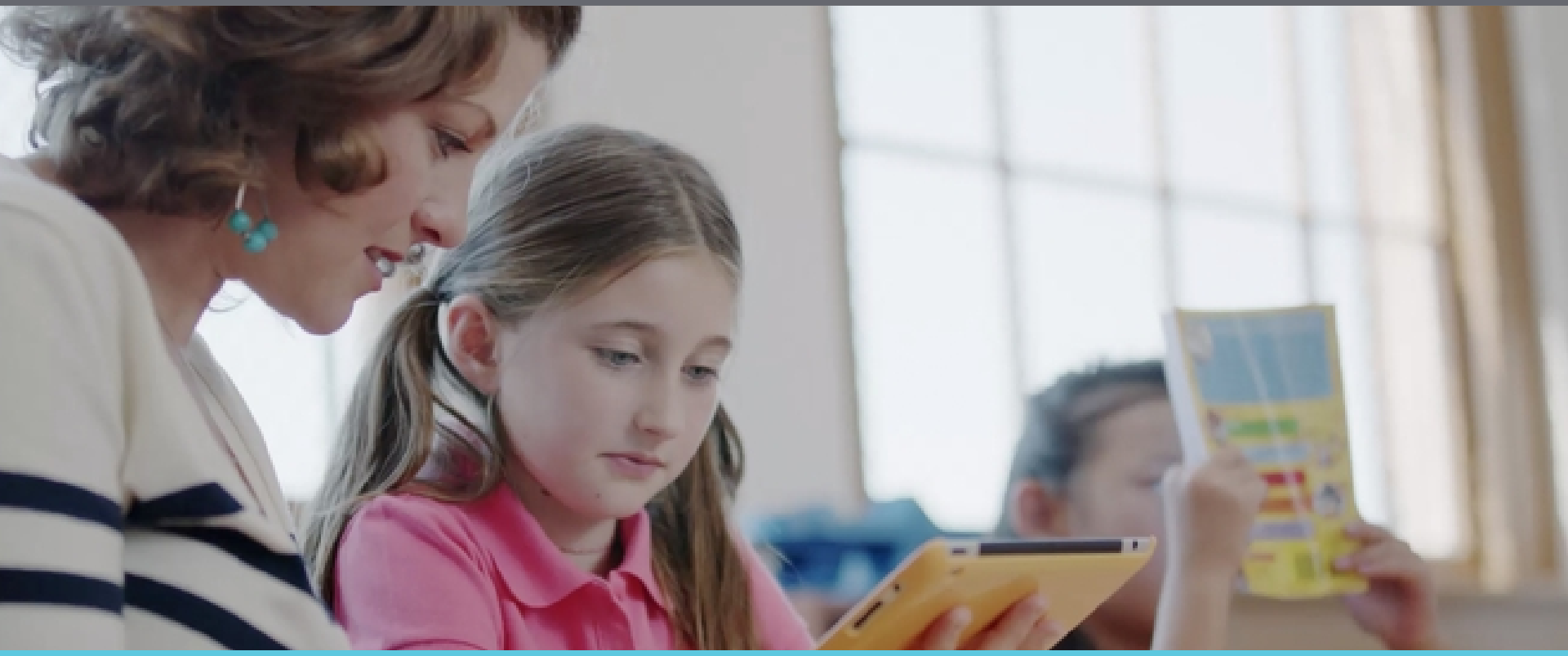

inBloom Developer Jumpstart

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Agenda

- Education Technology Overview
- inBloom 101
- Getting Involved
- Questions and Answers

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Education Technology Overview

Today's date

Brief History of Education Technology

- 1900 – Schoolhouse, pencil and paper
- 1970 – Broadcast of educational material
- 1980 – VCRs and a few computers in classrooms
- 1990 – More computers in classrooms and CD-ROMs

Brief History of Education Technology

- 2000

  - Common in schools, some at home

  - World Wide Web

  - Word processing and presentations

  - Interactive instructional software

Brief History of Education Technology

- 2010

  - All in schools, common at home

  - Mobile too!

  - Online video and quality online material

  - Collaboration, social, gaming and digital text

Brief History of Education Technology

- THE FUTURE

  - Personalized Learning
  - Better Instructional Tools
  - Inside and Outside of Classroom
  - Holistic views for Parents, Teachers and Admins

Barriers to Next-Gen Vision

- Systems don't talk with each other
- Burden on teachers between multiple systems
- Difficult for districts to try and use new tools
- Companies spend too much time on integration
- …. and not enough on new features and innovations

Problems Solved, New Possibilities

- Students: Adaptive learning; right materials at right time
- Students: Real-time, early interventions
- Teachers: Better integration, less time fumbling
- Parents and Admins: Better full view into real-time learning

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inBloom 101

Today's date

inBloom Overview

- Initially funded - Gates Foundation and Carnegie Corp
- Now spin-off and becoming self-sustained
- Non-profit to build commodity services to fuel a more efficent market in K-12 ed-tech
- Five pilot states today, many more coming online

Core Services #1 - inBloom Data Store

- Secure, Middle ware store for data in one place
- Comprehensive education data model
- Single Sign On for district applications
- Developers easier to integration
- Districts easier contracts/RFPs (control the tech)

What inBloom Data Store is NOT!

- It is NOT:
  - Not a dashboard product
  - Not a testing product
  - Not an analytics engage
  - Not an “app store”
  - Not who decides which apps get used in schools
- Why?
  - THAT’S FOR YOU TO BUILD!!!!

Core Services #2 – Learning Registry Index

- Builds on top of open-source Learning Registry
- Provides a scalable REST API to smart searches in LR
- One interface into multiple silos of information
- Paradata – how are these resources used?
- Common Core and State Standards supported

What Learning Registry Index is NOT!

- It is NOT:
  - Not a content repository
  - Not a recommendation engine
  - Not a search engine
  - Not replacing any of the good products out there

- Why?
  - THAT'S FOR YOU TO BUILD!!!!

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Getting Involved

Today's date

NOW MORE THAN EVER

IS THE TIME TO JOIN THE COMMUNITY!!!!!

- Standards are ready to use
- Students and teachers are hungry for tech
- Us “web 1.0” folks have kids and want better tech
- Teacher workforce is changing, tech can help

inBloom Technology Intro

- Sandbox online today – start building apps!
- Example apps available in GitHub
- **Today**: Become a core contributor to the LRI
- **September 30th**: Core contributor to Data Store
- Fork and improve our example apps

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Ed Tech Community Getting Started

- Find #edtech meet-ups w/ teachers on Meetup.com
- Tomorrow to OSS planning E143 @ 10:40am
- Come see us at Booth 406 all week
- Talk with us at @inBloomDev and our forums
- Subscribe to edSurge free newsletter

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Questions?? and Answers!!

- @JasonHoekstra, Developer Engagement
- @inBloomDev – all of our leads
- inBloom.org/for-developers + forums.inbloom.org
- Follow @inBloomDev and @inBloomDev