



Microsoft Research

Faculty Summit

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From Exceptional to Everyone:

Microsoft's Efforts to Democratize Blended Learning





Office Mix: Microsoft's Efforts to Democratize Blended Learning

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Goals for today

- Quick introduction to Office Mix
- Demo to show the end-to-end process
- Usage and partnership scenarios

Digital transformation of education

TRADITIONAL



Heavy backpacks



Learning in lock-step



Teacher lecturing



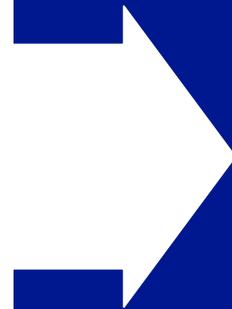
Static textbooks



Learning is solo sport



Infrequent high-stakes assessments



MODERN



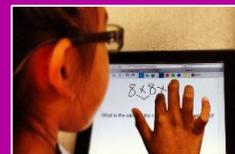
Lightweight digital devices, efficient workflows



Personalized, mastery learning



Blended learning



Engaging and interactive courseware



Learning is collaborative
21st century skills



Continuous low-stress
feedback / assessment

Hard to blend today



Difficult to author online lessons

Difficult to make them engaging

Difficult to publish and share

Difficult to get relevant analytics

Office Mix

Create.

Work in PowerPoint.

Record video, audio, ink.

Re-purpose your or others online lessons.

Engage.

Add quizzes, polls, interactive simulations.

Share easily and watch on any device.

Extensible platform for new interactive elements.

Evaluate.

Review aggregate and per user/slide analytics.

See and gauge student understanding.

Improve content and student learning.

From PowerPoint to Interactive Online Lessons in Minutes

Three primary solution components

The screenshot shows the Office Mix web portal. At the top, there is a navigation bar with 'Office Mix Customer Preview' on the left, 'Gallery', 'My Mixes' (highlighted with a red circle), and 'Getting Started' in the center, and 'Anoop Gupta' on the right. Below the navigation bar is a large featured slide with the title 'Are poor countries doomed to stay poor?' by Bill Gates. To the right of the slide is a dropdown menu labeled 'All Categories'. Below the featured slide are three rows of content cards. The first row is labeled 'Featured >' and contains four cards: 'Are poor countries doomed to stay poor?' by Bill Gates, 'Evaluating n th roots & using rational exponents' by Stacy Ragan, 'The lost Parchment', and 'IN SEARCH OF A SON'. The second row is labeled 'Arts >' and contains four cards: 'Peter and the Wolf', 'Rondo Form', 'Podcasting 101', and 'UNDERSTANDING RHYTHM'. The third row is labeled 'Language Arts >' and contains four cards: 'Introduction to the Topic Sentence', 'An Introduction to Poetry 180', 'Commas vs. Semicolons', and a card with red circles and the name 'Sandra Cisneros'.

Authoring within PowerPoint.

Interactive consumption experience on devices.

Web portal to manage, share, and see analytics for your Mixes.



Demo

Office Mix

System Requirements

- Windows machine or a Mac running VM (e.g. Parallels)
- PowerPoint 2013
- The add-in is free
- Active stylus (optional, but nice to have)

Usage and partnership scenarios



Online lectures for MOOCs, SPOCs, blended

Practicing research/conference presentations

Sharing research/conference presentations

Developing “Office Lab Apps”

Future extensions



Slide-level discussion boards

Integration with popular LMSs

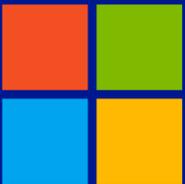
Integrated note taking

“Live” lecture recording

Richer platform for labs, grading, analytics

Discussion / Questions

<http://mix.office.com>



Microsoft