

MOUNT DE SALES AND MICROSOFT IN EDUCATION

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INTRODUCTION

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BACKGROUND

- Private High School in Baltimore County with ~500 Students and ~80 Faculty & Staff
- After testing all types of Devices and visiting areas schools decided on a Windows 8 / 10 Platform
- Began Implementing Office 365 in Summer 2013
- Provided teachers Microsoft Surface Pro's in Spring 2014
- BYOD Windows 8 /10 1 to 1 Program began on a small scale in 2015



WHY

- Familiar platform for everyone – Everyone has used Microsoft Office and Windows
- Cloud options better integrated into full blown Office Suite
- Oonenote
- Classroom Management
- Low Cost / Wide Range of Device Price Options



OVERVIEW OF PROGRAM'S & FEATURES

- Microsoft programs to enhance the learning process:
 - OneDrive for Business - Syncing to devices
 - OneNote
 - Class Notebooks
 - OfficeMix
 - Sway
 - Skype for Business (teacher communication)
 - Exchange (E-Mail)
 - Bing in the Classroom



OFFICE 365 WITH STUDENTS

- Students have free access to Office Suite
- Single Logon – Office 365, Wireless, School PC's, Third Parties, and Email with AD Connect
- Online collaboration with Word, Excel, PowerPoint
- Access to Files from anywhere on any Device



ONEDRIVE

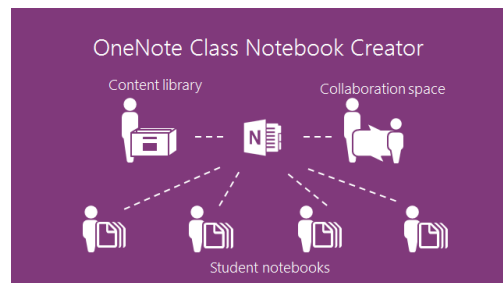
- Online File Storage
- Syncs with device for Offline use
- Cross Platform – Android, iOS, etc
- Files accessible anywhere
- Backup for student files



ONENOTE

For Teachers

- Easy organization of all course materials
- Class Notebooks
 - Communication of class materials to students
 - Collaboration space for students
 - Fast and easy review of student work
- Department collaboration



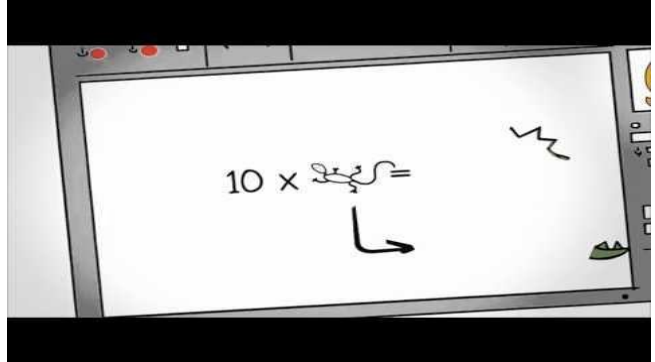
For Students

- Streamlined notetaking
- Personalized organization
- Access to all teacher & course materials
- Collaboration



OFFICEMIX

- mix.office.com (Office 365 login)
- Make a PowerPoint presentation interactive
- Embed quizzes, polls, videos, apps, other interactive content
- Annotate over slides
- Record voice and/or video
- Share via link



OFFICEMIX

See statistics on each user

- Responses, score
- Time spent – total and each slide
- % correct for whole class and individual students

SLIDE SUMMARY		29	31	3 m 38 s
		Visitors	Views	Avg. time spent
NAME		VIEWS		TIME SPENT
[REDACTED]		1		4 m 54 s
[REDACTED]		1		2 m 23 s
[REDACTED]		2		6 m 53 s
[REDACTED]		1		2 m 43 s
[REDACTED]		1		2 m 47 s

SLIDE SUMMARY		26	26	36 s	88.9%	1	0
		Visitors	Views	Avg. time spent			
NAME		VIEWS		TIME SPENT			
[REDACTED]	Fail to reject the null when it is false	1	28 s	100.0 %	1	0	
[REDACTED]	Fail to reject the null when it is false	1	23 s	100.0 %	1	0	
[REDACTED]	Reject the null when it is true	1	2 m 59 s	0.0 %	1	0	
[REDACTED]	Fail to reject the null when it is false	1	20 s	100.0 %	1	0	



OFFICEMIX

▪ Statistics by visitor

- Completion
- % correct
- Time spent

NAME	SLIDE PROGRESS	QUIZZES AND POLLS NO.	CORRECT	APPS NO.	TIME SPENT OVERALL
[REDACTED]	100% Completed	6	100%	1	1 h 12 m
[REDACTED]	80% Completed	3	0%	1	44 m 54 s
[REDACTED]	100% Completed	6	100%	1	45 m 36 s
[REDACTED]	100% Completed	6	100%	1	38 m 41 s
[REDACTED]	100% Completed	6	100%	1	28 m 12 s
[REDACTED]	100% Completed	6	50%	1	1 h



OFFICEMIX

▪ Statistics by question

- Individual student answers to each question

DESCRIBE TYPE I ERROR AND ITS CONSEQUENCES IN THIS SITUATION.	DESCRIBE TYPE II ERROR AND ITS CONSEQUENCES IN THIS SITUATION.	WHICH TYPE OF ERROR IS LESS DAMAGING IN THIS SITUATION, AND WHY?	LIST THREE WAYS TO INCREASE THE POWER OF A TEST	WHICH OF THE FOLLOWING REPRESENTS TYPE II ERROR?	WHICH OF THE FOLLOWING REPRESENTS THE POWER OF A TEST?
[REDACTED] Type 1 error rejects the null hypothesis when it is actually true. In this situation they use the approved drug treatment and .05 still fail.	Type II fails to reject the null hypothesis when it is actually false. In this situation the p-value is greater than .05.	Type 1 is less damaging because it has less damaging side effects.	increase the probability, increase the H0 and increase the β	Fail to reject the null when it is false	The probability of rejecting the null hypothesis when it is false
[REDACTED] the regulatory agency will revisit its approval even though the proportion of people who experience side effects is 0.05. The consequences are that even though the approval is revisited the side effects will still be 0.05	The proportion of peoples side effects is greater than 0.05 but the agency does not revisit its approval. The consequences are people are having bad side effects, when they really could be fixed if the approval was revisited.	Type one because the side effect is staying the same at 0.05 and is not increasing like Type two			



SWAY

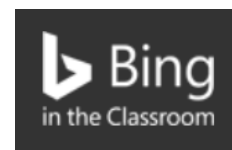


- sway.com (Office 365 login)
- Add text, images, videos, etc. to a streamlined online presentation
- Easily drag and drop content to add or rearrange
- Quickly & easily move between storyline mode and preview mode
- Choose from layouts that scroll vertically or horizontally
- Change 'importance' or 'emphasize' images or text
- Collaborate with others

- Intro to Sway: https://sway.com/vT57Q_hSB7aLcyw
- Sway in the Classroom: <https://sway.com/x1ATqaNOpMbom7fm>



BING IN THE CLASSROOM



- Education Focused
- Ad-Free Search
- Safer
- More Private
- School Wide - Enabled at your Internet connection not browser
- Lesson Plans, Word of the Day, On this Day

- Registration: <https://www.bing.com/classroom>



PROFESSIONAL DEVELOPMENT

- One program at a time!
- Individualize training as necessary – various levels
- SHOW examples of how the program can be used
- Allow plenty of time for individual exploration w/access to expert
- Don't forget about training STUDENTS!!



PILOTING & WHAT'S NEXT

- Skype for Business
- Classroom Dashboard – Integration with SiS & Classroom Notebooks
- InTune – Mobile Device Management
- Bing Pulse – Real Time Voting and Poling



QUESTIONS?

