Instruction in TUSD Using Office 365

Blaine Young, Chief Technology Officer
James Butler, Director of Instructional Technology
Tracey Rowley, Sylvia Quigley, Heba Mueller, Krystal Enriquez and Bob Kramer, Educational Technology Integration Specialists
Agenda

- Instructional Technology In the Classroom
- Professional Development Opportunities
- Devices available in the Classroom
- Applications used in the District Making Differences in Classrooms
  - Office 365 Suite of Programs
  - Coding
  - Skype
Instructional Technology in the Classroom

- Using technological learning tools to improve a teacher's ability to deliver quality instruction.
- Implementing various learning strategies.
- Increasing student engagement.
- Meeting the needs of the Gen Z student.

Visually Impaired student from University High using Office 365 accessibility tools with her braille device.
Available Professional Development Courses

- 18 courses focused on specific components of Office 365 during school year.
- 5 self-guided Office 365 learning opportunities accessible to all employees.
- Departments received customized training on use of Office 365
- Focused Office 365 courses taught by TTLs for principals and teachers.
- Summer courses on utilizing various educational technologies in the classroom offered during summers.

Teachers at an Ipad/Tablet Bootcamp.
Devices in the Classroom

- Classroom sets of Laptop computers (COWs)
- Android Tablets
- iPads
Laptop Computers aka COWs-

- Thousands of laptop computers are deployed around the district for student use.
- Laptops are used on a daily basis across all schools and in all grades.
- TTLs assist with the maintenance, scheduling and trainings.
- Instructional Technology Department developed professional development course about caring for COWs.

2nd Graders from Myers Ganoung using laptops to conduct research for a paper about animals.

Ms. Dvoskin at Blenman has assigned "Tech Helpers" who are "in charge" of the laptops.

Students using Google Maps for a "Mystery Skype" Geography lesson.
Samsung Android Tablets-aka TOTs

- 4200 Samsung Tablets deployed in all K-3 classrooms.
- Instructional Technology Department developed and facilitated training and provided ongoing support for teachers.
- Professional Development course developed and available for teachers.
- Teacher Technology Liaisons provided support and training for teachers.
Ipads in the Classrooms

- Qualifying ExEd students and their teachers receive ipads for classroom use.
- Many schools have class sets of ipads available for classroom use.
Using QR Codes

- Allows teachers to access and share websites easily
- Use with O365 Forms
- QR Code readers on iPads and TOTs
Students can be self-reliant!
Using the Camera with Students

- Students took pictures of things, ie: their day,
- Allowed students with limited verbal skills to express themselves!
- Teachers downloaded the pictures to a computer to share and print.
  - Idea courtesy of Mr. Blomgren, Rincon HS EX Ed Teacher

Hi Tracey,

Just wanted to pass along a "thank you" for your help -- couldn't have done it without you. I've been able to email Jake's photos to his home and his parents are appreciative and enthusiastic!

Got the name of the photography teacher here at Rincon and I'll be working with her on contests and printing.

Best,
Craig
Your Turn

Zap this QR Code with either the ipad or tablet to take this Forms Survey.
Impact on the Classroom

- Teachers and students able to communicate using Office 365.
- Students have accounts and access to the O365 suite of products.
- Increase student engagement, meet the needs of the Gen Z students, promote college and career readiness!
This girl is in 2\textsuperscript{nd} Grade using O365 and Powerpoint!
Demonstration of Class OneNote and Teams

- All teachers will have a Class Team based on rosters from Synergy.
- Ms. Bartlett-Rincon High School
Available Office 365 programs

- Excel, Word, Powerpoint
- Forms
- Sway
- OneDrive
We used kiddle.co to write our first research paper about a subject of choice.

Dogs are Cool

In my opinion dogs are so cool. First, why do dogs pant? Dogs pant because when they are hot they breathe hard with their mouth open. Next, dogs are related to wolves. A long time ago there were no dogs. There were only wolves. Dogs have all kinds of different jobs. One of the jobs is to protect people. Lastly, dogs are helpful.

I can use technology to publish my writing.
Unit corresponding to “The Wild Robot”
Research Papers about Historical Figures - Roberts Naylor

Pele
By: Luis Ballesteros
Pele was poor when he was little so he sold meat pies. Pele had no soccer ball so he used grape fruits and socks with newspapers. Pele won the world cup when he was 17 years old. Pele is still alive today he is 78 years old.

Malala
By: Gabriel Chavez
Malala lived in Pakistan and was born in July 12 1997 but she couldn't go to school. Then she tricked the Taliban. She asked for help but everyone said "no". When Malala was on the bus there was silence, three shots shattered the silence...

All I want is an education, and I am afraid of no one.
Malala Yousafzai

Helen Keller
By: Hailey Jullkens
Helen Keller was born in 1880. She was born in Alabama. Helen Keller was born healthy. She got sick when she was 1 year old. She became deaf and blind. She pushed her baby sister because she was out of control in 1887 her teacher started helping her. She didn't know how to act and she didn't know words. Her first word was water. She read braille. She went to go to high school. And she became so famous that she met kings and presidents.
Coding

Teachers are using many different programs to provide coding opportunities for students.
Mr. Schmidt’s University High Engineering Students
Lego Mindstorm Robotics

- Used by teachers with their students at many schools.
MineCraft for Education

- A tool designed to teach coding.
- Classes available at Booth Fickett and Secrist.
What if you could take your Students on Fieldtrips Around The World??
What if you could have your students meet experts and talk with classrooms Students Around The World??
With Video Conferencing like Skype in the Classroom and Zoom, and using websites like Microsoft Educator Community and the Center for Interactive Learning...we can!
Available Opportunities

- Virtual Fieldtrips
- Guest Speakers
- Skype Lessons
- Mystery Skype
Math, Science and Reading with the Mote Marine Center in Sarasota, Florida with Kinders from Dietz!
Royal Botanical Gardens, Burlington Ontario using Zoom to interact with 2nd graders from Kellond
Social Studies and English Class

- Rincon High School American History and English Culturally Relevant Mexican American View Point Class
- Aztec National Monument, Aztec, New Mexico
- El Presidio de Santa Barbara, Santa Barbara, California
Let's Talk Thoreau

POSTED
05/03/2018

Jeffrey S. Cramer

Learning Objectives
- Learn about the life and works of Henry David Thoreau
- Understand Thoreau’s views of social reform
- Learn how Thoreau’s principles influenced others

Let's Talk Thoreau
SKYPE LESSON
Skype A Scientist!

- Teachers select the topic or focus area.
- Teachers are matched with Scientists for a Skype Session!

Dani Winter @ecoengineerDani · 21h
A full day of DEAs today, but I had a nice break with @SkypeScientist! Skyped with a 4th grade class in Tucson about weather stations and data collection!
Microsoft Educator Community

Skype in the Classroom

Meet Code Creators Series
Inspire your students about coding by watching on-demand these broadcasts with professionals who use coding to power their jobs!

Skype in the Classroom is a free community that offers live transformative educational experiences for students including Virtual Field Trips, talks from Guest Speakers, classroom to classroom connections, and live collaboration projects.

JOIN AS AN EDUCATOR >  BECOME A GUEST SPEAKER >

Five ways to connect your classroom to the world!
Center for Interactive Learning

https://www.cilc.org
Verizon Innovative Learning Schools (VILs) Project
Lawrence 3-8, Mansfield Magnet Middle School and Pueblo Gardens K-8

Providing data plans to close the digital divide for students while off campus

One to one devices for 6th-8th graders

Granted 5.8 million dollars
- Teacher Devices Deployed April 2019
- Training with digital promise began
- Technology services working closely with site administrators and vils coaches
- Parent engagement and community relations
- Student Tech Teams
- Student devices deployment expected September 2019
Teachers participate in their 1st VILs professional development session.
Creating the Future with Technology!

Technology can be the Great Equalizer