Technology Champions

BIRDVILLE INDEPENDENT SCHOOL DISTRICT
Birdville
T.I.M.S.

Randy Sumrall

Executive Director of Technology
Birdville ISD

What is a "Technology Champion"?

Technology Champions is a new program sponsored by Technology and Information Management Services (TIMS)

It will provide the following:
- A community of tech savvy teachers that advance the practice of using technology and data in the classroom
- Advocates for positive change and the advancement of quality curriculum and instruction based in well-implemented technology solutions
- Piloting and beta testing for new and advanced technology in Birdville ISD
- A forum for discussing future trends in technology and data and their appropriate place in the Birdville ISD instructional program

BISD

What are the benefits?

Technology Champions will provide experience.

- Opportunities to mentor other teacher-leaders
- Opportunities to provide professional development
- Hands-on use of new technology provided for pilots and limited releases
- Opportunities to receive custom training ahead of the district
- Opportunities to develop and present solutions, content, and tools, pending funding
- Participation in the use of collaboration tools that extend technology and data into Professional Learning Communities

What are the benefits?

Technology Champions will provide access.

- Online forums with district and industry leaders on exceptional solutions and practices
- Special access to Instructional Technology Specialists and support staff
- Representation on the District Technology Committee
- Possible participation in conferences, pending funding
- Online collaboration with other Champions, ITS and TIMS staff, and C&I staff

Is There A Stipend or Supplemental Pay?

Nope!

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How Many Will There Be?

We wish to take on twenty in the first year, with those mentoring one teacher each, yielding forty in the second year.

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How Do I Apply?

Online at:

http://tinyurl.com/techchamp

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Are There Other Opportunities?

- Twenty Technology Activists will be chosen for those who are most qualified and wish to be mentored by a Technology Champion

- Any Birdville ISD employee may be a Technology Advocate and be provided updates on events and information that move district technology and data forward
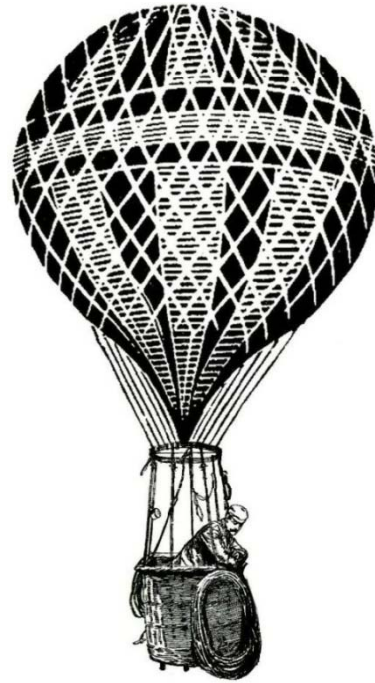
…on with the show.

- Why a new program?

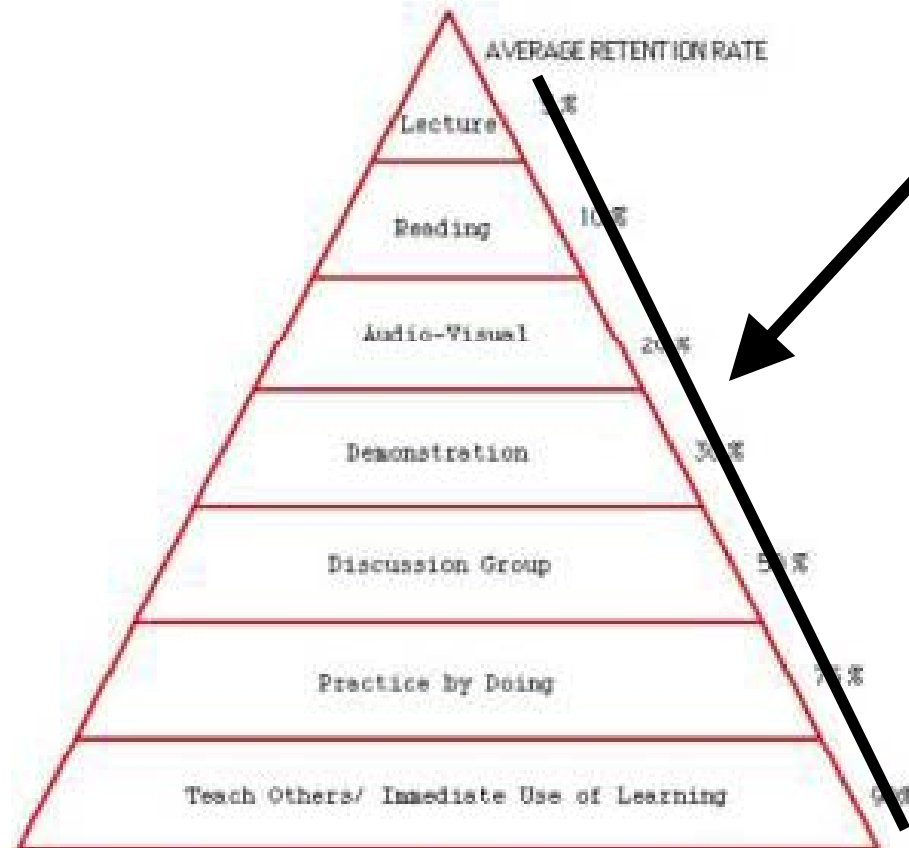…to come down from the ivory tower and…

…get our point across.

BISD

Getting Your Point Across…
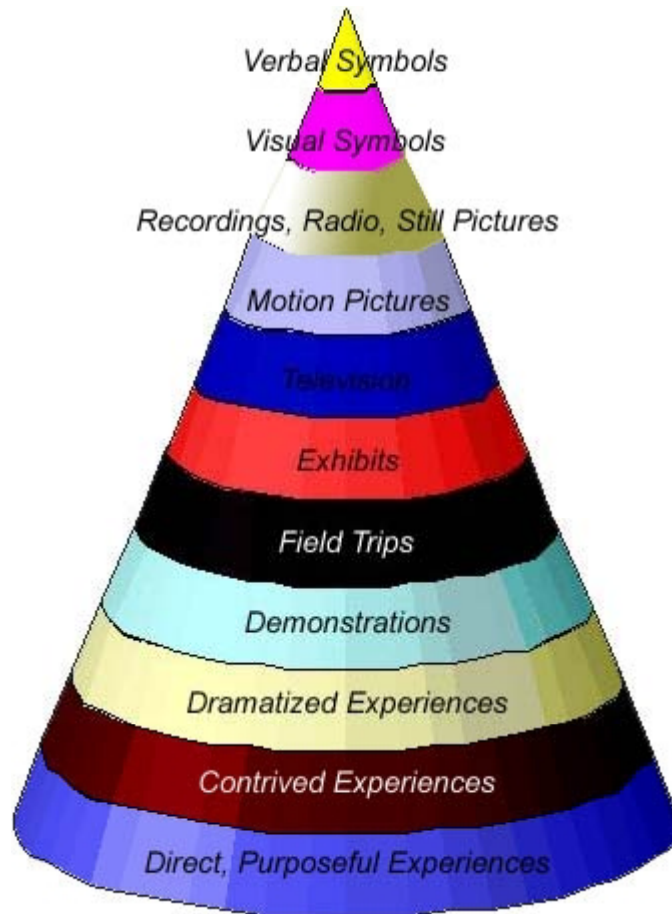
Why New Technology?

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The Learning Pyramid

AVERAGE RETENTION RATE

Lecture — 5%

Reading — 10%

Audio-Visual — 20%

Demonstration — 30%

Discussion Group — 50%

Practice by Doing — 75%

Teach Others/ Immediate Use of Learning — 90%

Bogus!

National Training Laboratories Bethel, Maine

Edgar Dale's Cone of Experience

Verbal Symbols
Visual Symbols
Recordings, Radio, Still Pictures
Motion Pictures
Television
Exhibits
Field Trips
Demonstrations
Dramatized Experiences
Contrived Experiences
Direct, Purposeful Experiences

Attributes

- Active vs. Passive
- Concrete vs. Abstract

Question

How do we create the most memorable experience with evolution of technology in the classroom?

Visible Learning – J. Hattie

1.0 is one standard deviation gain

Student Involvement	1.44	1st
Formative Assessment	.90	3rd
Comprehensive Intervention	.77	7th
Teacher Clarity	.75	8th
Effective Feedback (grades)	.73	11th

Socio-economic and other "important" factors are as low as the 30's.

Do they matter?

Yes. The question is, what are you doing about it?

All students CAN learn.

CORNING

ENABLING A FUTURE OF COMMUNICATION,
COLLABORATION, AND CONNECTIVITY.

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What Do We Need to Consider?

We need to build our instructional and information technology platforms and systems to be *scalable* and *flexible* so our environment can naturally *evolve* as the future of both learning and technology arrive.

"21st Century" learning concept needs to be applied to the technology…

…but what will that look like in the future?

➢ The visual platform becomes independent and unlimited

➢ The use experience is not limited to a device

➢ The user experience is beyond mobile…it is truly virtual

➢ The instructional context is data-driven

The Story of Olivia

What Environment Are We Trying To Create?

One that transforms learning *now*...
in ways that students are already learning
in the technical context of *tomorrow*.

➢ The user interface is virtual and visual...it can move across several devices, platforms, and delivery systems.

➢ The wireless mobility platforms are robust and highly manageable.

➢ The instructional context is derived in real time based on data of the individual need of the student and is prescribed using predictive analytics.

➢ The framework of learning simultaneously embraces control and choice.

Cool Solutions

- SMART technologies
  - Questioning in SMART Exchange lessons
  - …using clickers
  - …going straight into Eduphoria
  - On flat screens
  - Shared across a bridge
  - Shared on tablets
  - Listing content in Eduphoria and creating content…and get paid
- More visuals
  - Tablets and laptops on projectors…wireless
  - Flat screens
- Smart pens
- Mobile and student-owned solutions…without the headaches
- Get your data online…Eduphoria and more
- Online video-based training for staff
- Featured videos of local staff – be a star!
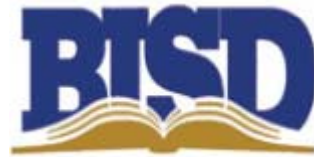- Managed systems – like you have never seen before

Rethinking Technology

- Teachers and principals spend too much time creating, looking up, learning

- Narrow tech drove broad curriculum – now narrow curriculum drives broad technology

- Tight yet loose; choice yet control

- The visual environment supported by the data; NOT primarily by the device.

- Why do some teachers stop using technology when they focus on curriculum?

Rethinking Education

- Rethink RTI (filling in gaps)
- Rethink homework(creating brain connections)
- Rethink collaboration (collaborating alone?)
- Rethink parental involvement (who owns it?)
- Rethink data (data driven or data informed)
- Rethink cheating (make it impossible)
- Rethink assessment (real time w/ case mgt.)
- Rethink libraries, labs, rotations (be bold)

Randy Sumrall

Executive Director of Technology

Email: randy.sumrall@birdvilleschools.net

Phone: 817-547-5600

Mobile phone: 469-586-6959