

# CONNECTIONS

JAN/12



ideastream®



## Flipping the Classroom

Learning-by-doing is one of the most effective ways to pick up—and keep—new skills. A new learning model that is generating enthusiasm among both veteran and new educators, “flipping the classroom,” combines the effectiveness of experiential learning with the power of the Internet and a variety of emerging technologies to essentially “flip the classroom.” Many educators are finding that this academic reversal—having students experience the traditional classroom lecture at home (online), followed by doing their “homework” in class—is actually giving educators the time and technological tools to offer their students more individualized, personal attention.

“Flip your instruction so that students watch and listen to your lectures... for homework,” explained Jonathan Martin, Head of St. Gregory College Preparatory School and an educational blogger. “And then use your precious class-time for what previously, often, was done in homework: tackling difficult problems,

working in groups, researching, collaborating, crafting and creating. Classrooms become laboratories or studios, and yet content delivery is preserved.”

To harness the energy and enthusiasm created by successful flipped-classroom experiences, ideastream® and the SMART Consortium are planning an extensive initiative around this innovative educational model.

The first phase of this initiative occurred on December 14 at the Idea Center® at Playhouse Square when over 200 teachers and education leaders gathered for a morning seminar to learn about the flipped-classroom model. Topics included how the flipped classroom movement began, what’s driving it, what it looks like and what the early student achievement results are indicating.

**Jerry Overmyer** (pictured above), Mathematics and Science Outreach Coordinator for the University of

Northern Colorado, delivered the keynote address. Jerry is the creator and facilitator for the Flipped Class Network, an online professional learning community for teachers using vodcasting and the flipped-teaching model.

Participants also heard from Lisa Bowers, Mentor Exempted Village Schools, and Kristen Field, Brooklyn City Schools, two high school teachers who are successfully using the flipped model in their science and mathematics classrooms, respectively.

For more information about future Flipping Initiatives from The SMART Consortium and WVIZ/PBS ideastream, go to [educators.ideastream.org](http://educators.ideastream.org).

**LOOK INSIDE**  
for a calendar of  
professional learning  
opportunities!



# The iPad Academy

## for Teachers & Administrators

Idea Center  
1375 Euclid Avenue, Cleveland

**PART 1: SAT, FEB 11** | 8:30am - 3:45pm

**PART 2: SAT, MAR 10** | 9:00 - 11:00am

To register: [ideastream.org/learning](http://ideastream.org/learning)

**\$195 cost\***

Participants are required to have their own iPad and be familiar with its basic functions. One graduate credit available through the University of Akron or Ashland University for an additional \$150.

\* Includes a \$15 iTunes gift card



## NewsDepth Welcomes New Host

### NewsDepth

WVIZ/PBS ideastream

**WED** | 7:30pm

**THUR** | 1:30pm

**FRI** | 1:00pm

[newsdepth.ideastream.org](http://newsdepth.ideastream.org)

Since Michelle Kanu joined ideastream in 2010, she has taken on many news challenges. For the past year Michelle reported on the complicated and rapidly changing world of education. In October she took on another new challenge as one of the hosts for *NewsDepth*, ideastream's weekly news program for third to eighth graders. Michelle, a graduate from University of California, Berkeley and Stanford University, alternates hosting every other week with veteran *NewsDepth* host Rick Jackson.

Teachers who love *NewsDepth* say that it reaches all kinds of learners, enhances classroom instruction and encourages students to express opinions. A valuable source of current events for thousands of Ohio students, *NewsDepth* is a weekly news program that helps teachers meet state academic content standards in language arts, social studies, science and more while linking Ohio students with the world. The website ([newsdepth.ideastream.org](http://newsdepth.ideastream.org)) offers both a streamed and downloadable version of each episode, as well as streamed program segments, links to supplemental information, video, images, classroom activities and lessons. *NewsDepth* is made possible in part by a grant from the Martha Holden Jennings Foundation.



Learn how to turn your iPad into a powerful productivity tool. In this academy you will learn how to apply apps for classroom management, administrative tools, parent conferences and subject-specific instruction. Three key programs will be introduced: Google Forms to create online surveys and polls for students, parents and faculty; Keynote to create simple, powerful presentations; and Evernote to keep your classes organized and running smoothly (even

on a snow day). You will create collaborative teams in which you will outline a practical education application of the iPad. You will continue meeting and working with your team from home via Skype or GoToMeeting. Then you will join your colleagues during a second in-person meeting where teams will present their findings. Join colleagues from NE Ohio and transform the way you use your iPad through the ideastream iPad Academy.

## Using Technology to Make Classrooms More Versatile, Virtual



The October **Innovative Technology & Educational Practice Conference**, sponsored by the ideastream Education Department and its Education Advisory Council, gave more than 150 educators the opportunity to learn creative ways to plug-in new and emerging teaching technologies into

classroom instruction and deepen student learning. Stan Heffner (pictured), Ohio's Superintendent of Public Instruction, was the keynote speaker. Plans for a 2012 technology conference are underway.

Go to [educators.ideastream.org](http://educators.ideastream.org) for info about upcoming learning opportunities.

## Workshops by Request

The workshops below are scheduled by request and are available in your school district or at the Idea Center. Please contact Eric Siler at [eric.siler@ideastream.org](mailto:eric.siler@ideastream.org) or 216-916-6358 to arrange a training date and time. For full descriptions, go to [ideastream.org/learning](http://ideastream.org/learning).

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### INTERACTIVE STUDENT RESPONSE SYSTEMS

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**\$1,500** cost

Includes a class set of 24 response systems.

OR

**\$1,739** cost

Includes a class set of 32 response systems.

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### AVERVISION DOCUMENT CAMERA

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**\$950** cost

Includes one AVerVision CP300 Document Camera and training for two participants.

OR

**\$1,800** cost

Includes two AVerVision CP300 Document Cameras and training for four participants.

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### ELMO DOCUMENT CAMERA

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**\$950** cost

Includes one Elmo TT-02s Document Camera and training for two participants.

OR

**\$1,800** cost

Includes two Elmo TT-02s Document Cameras and training for four participants.

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### MIMIO INTERACTIVE

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**\$1,100** cost

Includes one Mimio Interactive bar and wireless device and training for (1) three-hour training session for three participants.

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### A TECHNOLOGY CONCIERGE AT YOUR SCHOOL

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**\$400** cost

Is your staff experiencing trouble with tasks in Microsoft Office, the SMART Board or any other technology? An ideastream staff member will visit your school for three hours and conduct small group sessions and/or visit classrooms.

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### A SMART BOARD FOR YOUR CLASSROOM

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**\$1,535** cost (64-inch SMART Board)

OR

**\$1,799** cost (77-inch SMART Board)

Either SMART Board includes (1) three-hour training session for five participants.

All workshops: \$100 for each additional participant



**MARCH 31, 2012**

Are your children fascinated by science? Join ideastream and The Great Lakes Science Center for a special *Sid the Science Kid* event on Saturday, March 31, 2012. Watch the ideastream website for information on how you can get involved!

## Contact

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WVIZ/PBS & 90.3 WCPN ideastream  
Idea Center  
1375 Euclid Avenue  
Cleveland, Ohio 44115  
[ideastream.org](http://ideastream.org)



## DIGITAL AGE LEARNING 2012

Building upon the success of the **Learning for the Digital Age** project, the Ohio Educational Television Stations and Educational Technology Agencies will launch new professional learning opportunities in 2012. These offerings will include online classes, blended activities, video conferences and hands-on professional learning opportunities at schools or at the ideastream training facility at the Idea Center. These new offerings will be aligned with the state and national standards, including the Common Core. Trainings focus on the integration of technology skills and will include offerings on topics such as:

- Bring Your Own Technology Implementation Strategies
- Online Assessment Tools & Strategies
- Teaching "In the Cloud"
- Google Apps for Education
- Atomic Learning
- eBooks and eBook Readers
- Apps for Special Needs
- Using QR Codes in Your School
- Using Google Sites for Calamity Days

## learning

for the digital age

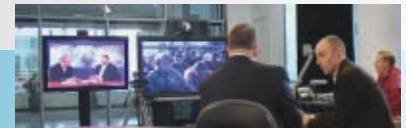
Begins **JAN 18, 2012**

### Online Class

[ideastream.org/digitalage](http://ideastream.org/digitalage)

This five-hour overview training allows participants to explore the "what," "why" and "how" of using technology in the classroom to foster the "Four C's" – critical thinking, creativity, collaboration and communication. Participants will engage in online activities that allow them to experience and practice the Four C's using a selection of commonly available technology tools and digital resources. This is a self-paced anytime, anywhere online class. Upon completion participants will receive a certificate.

**Start the New Year with Digital Age Learning 2012!**



### INFOhio Coach

The INFOhio ICoach encourages educators to develop 21st century instructional strategies through utilizing INFOhio resources. Each of Ohio's 16 regions has at least one ICoach and we're proud to be home to Region 3's ICoach: Jennifer Schwelik, PreK-12 P.D. [jennifer.schwelik@ideastream.org](mailto:jennifer.schwelik@ideastream.org) 216-916-6342.

### Distance Learning

Check out our interactive classroom presentations and professional learning opportunities offered through distance learning video conferences. Give your students the opportunity to meet leaders ranging from local business people to world leaders. Go to [ideastream.org/distance](http://ideastream.org/distance) for info about upcoming events or contact John Ramicone at 216-916-6360.

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# Jan

9

**DL Town Hall Speaker's Series with Aaron D. Miller Gulliver's Troubles: How America will Fare in a Changing Middle East**  
1:00-2:00pm

10

**DL Careers in PT/OT: University Hospital Staff**  
9:00-9:45am and 10:00-10:45am

**DL Cleveland Council on World Affairs: Kurdistan and Kurdish Minority Quabad Talabani, Representative of the Kurdish Minority to the United States**  
1:00-2:00pm

17

**DL Cleveland Council on World Affairs: "Brazilian Youth Program"**  
1:00-2:00pm

18

**Beginner iPad 2: Enhance Teaching and Learning**  
\$615 cost | 4:30-7:30pm

**To Kill a Mockingbird**  
6 weeks 2 graduate credit

**Moodle Basics Using Social Media Safety Apps in the Classroom Global Achievement Gap Bullying in the Digital Age**  
4 weeks 1 graduate credit

19

**Teach with Dragon NaturallySpeaking**  
\$150 cost | 4:30-7:30pm

26

**Graphing Calculator for Teachers – Beginning Users**  
\$100 SMART Members; \$150 Non-Members  
8:00am-3:30pm

30

**DL Careers in the Performing Arts: Choreographer Dianne McIntyre**  
1:00-2:00pm

6

**DL Town Hall Speaker's Series with Larry Elder American Exceptionalism: Is America Still a Land of Opportunity?**  
1:00-2:00pm

7

**DL Careers in Sports Medicine: Cleveland Clinic Staff**  
9:00-9:45am and 10:00-10:45am

14

**Overview: Exploring Science Through Content Literacy**  
\$150 SMART Members; \$220 Non-Members  
8:00am-3:30pm

21

**Unpacking the Common Core Standards for Math, Grades 3-5**  
\$155 SMART Members; \$232 Non-Members  
8:00am-3:30pm

22

**Choose Your Mobility With The Acer Tab**  
\$600 cost | 4:30-7:30pm

**Unpacking the Common Core Standards for Math, Grades 6-8**  
\$155 SMART Members; \$232 Non-Members  
8:00am-3:30pm

**Moodle Basics Using Social Media Safety Apps in the Classroom Flipping: The Upside down Classroom Bullying in the Digital Age**  
4 weeks 1 graduate credit

9

**DL Careers in High-Tech Manufacturing**  
Sponsored by MAGNET  
9:00-9:45am and 10:00-10:45am

**Socratic Seminar**  
\$100 SMART Members; \$150 Non-Members  
8:00am-3:30pm

16

**Unpacking the Common Core Standards for Math, Grades K-2**  
\$155 SMART Members; \$232 Non-Members  
8:00am-3:30pm

23

**SMART Board Refresher**  
\$100 cost | 4:30-7:30pm

**DL Bio-Tech STEM Research II**  
10:00-11:00am

**Graphing Calculator for Teachers – Advanced Users**  
\$100 SMART Members; \$150 Non-Members  
8:00am-3:30pm

27

**Photoshop Elements**  
\$180 cost | 4:30-7:30pm

**DL Town Hall Speaker's Series with Erskine Bowles**  
1:00-2:00pm

**A Digital Camcorder for Your Classroom**  
\$365 cost | 4:30-7:30pm

**Creating Videos Using Camtasia**  
\$280 cost | 4:30-7:30pm

28

**DL Special Program on Suicide Prevention: Sponsored by Suicide Prevention Education Alliance**  
1:00-2:30pm

29

**Beginner iPad 2: Enhance Teaching and Learning**  
\$615 cost | 4:30-7:30pm

**Moodle 101**  
\$100 cost | 4:30-7:30pm

1

**DL How to Land Your First Job in Construction**  
9:00-9:45am and 10:00-10:45am

**Making Math Meaningful for High School Intervention Specialists**  
\$110 SMART Members & Non-Members  
8:00am-3:30pm

**Overview: Exploring Math through Content Literacy**  
\$150 SMART Members  
\$220 Non-Members  
8:00am-3:30pm

3

Early Childhood Super Saturdays

5

**Intermediate iPad 2: Integrate Teaching and Learning**  
\$615 cost | 4:30-7:30pm

**Google Sites for Educators**  
\$100 cost | 4:30-7:30pm

**Edit Your Videos with Windows Movie Maker**  
\$100 cost | 4:30-7:30pm

6

**DL Careers in the Performing Arts: Cast and Crew of Memphis**  
1:00-2:00pm

**Critical Literacy**  
\$100 SMART Members; \$150 Non-Members  
8:00am-3:30pm

**Data, Data, Data**  
\$135 SMART Members & Non-Members | 8:00am-3:30pm

7

**DL Bio-Tech STEM Research III**  
10:00-11:00am

**Inquiry Based Science, Grades 6-8**  
\$220 SMART Members; \$330 Non-Members  
8:00am-3:30pm

8

**Beginner SMART Board**  
\$100 cost | 4:30-7:30pm

**Ace the Acer Netbook Computer**  
\$100 cost | 4:30-7:30pm

**The Tech Savvy Teacher and Administrator**  
\$100 cost | 4:30-7:30pm

**Careers in High-Tech Manufacturing**  
Sponsored by MAGNET  
9:00-9:45am and 10:00-10:45am

**Inquiry Based Science, Grades 3-5**  
\$220 SMART Members  
\$330 Non-Members  
8:00am-3:30pm

**Intro to Problem Based Learning – High School**  
\$155 SMART Members  
\$232 Non-Members  
8:00am-3:30pm

10

**Part 2: The iPad Academy for Teachers and Administrators\***  
9:00-11:00am

**Part 2: SMART Board Boot Camp\***  
8:30am-4:30pm

13

**Advanced Word/PowerPoint/Excel**  
\$100 cost | 4:30-7:30pm

15

**Inquiry Based Science, Grades K-2**  
\$220 SMART Members; \$330 Non-Members  
8:00am-3:30pm

**Intro to Problem Based Learning – Middle School**  
\$155 SMART Members; \$232 Non-Members  
8:00am-3:30pm

**March 20 Creating Videos Using Camtasia**  
\$280 cost | 4:30-7:30pm

**March 21 Moodle Basics Using Social Media Safety Apps in the Classroom Flipping: The Upside down Classroom Bullying in the Digital Age**  
4 weeks 1 graduate credit

**To Kill a Mockingbird**  
6 weeks 2 graduate credits

**March 22 Math with Manipulatives, Grades 6-8**  
\$280 SMART Members  
\$410 Non-Members  
8:30am-3:30pm

**March 26 Using a SMART Board for Literacy and Math in the Primary Grades**  
\$100 cost | 4:30-7:30pm

**Beginner iPad 2: Enhance Teaching and Learning**  
\$615 cost | 4:30-7:30pm

**March 31 Handheld GPS and the Great American Treasure Hunt! (a.k.a. Geocaching)**  
\$255 cost | 9:00am-1:00pm

**Hands-On SMART Board**  
\$135 cost | 9:00am-2:00pm

**Anytime Anywhere Professional Learning**

We can bring a workshop to your district. Choose from any of the workshops listed here. Or we can create a workshop custom-made to meet your organization's needs.

For more info, contact Eric Siler at [eric.siler@ideastream.org](mailto:eric.siler@ideastream.org) or 216-916-6358.

\* Graduate Credit Available

Online Learning Classes at:  
**ideastream.org/online**

For more information contact Ann Ebersole at: [ann.ebersole@ideastream.org](mailto:ann.ebersole@ideastream.org) or 216-916-6364.

Graduate Credit available for all classes from Ashland University

**Academy for Administrative Leadership in Technology (AALT)**

Jan 18 | Feb 16 | Mar 1 | Apr 18 | May 23

All courses for this series take place at: Cuyahoga County Educational Service Center Dr. Harry E. Eastridge Professional Development Center 5700 W. Canal Valley View, OH 44125

For more information, go to [educators.ideastream.org](http://educators.ideastream.org)

**ideastream.org/distance**

This is a partial list of **Distance Learning Programming**. For the latest information, please check our distance learning website at [www.ideastream.org/distance](http://www.ideastream.org/distance). A program fee of \$75 will be charged to schools not in the NOTA or NORTH2 consortiums membership. Schools interested in participating in these and other distance learning programs should contact John Ramicone at: [john.ramicone@ideastream.org](mailto:john.ramicone@ideastream.org) or 216-916-6360.

- DL Distance Learning
- Online Learning

**PBS TeacherLine**

Information on PBS Teacherline courses is available at: [pbs.org/teacherline](http://pbs.org/teacherline)

# Mar

# Apr

**April 19 Up Close with the QX5+ Computer Microscope**  
\$180 cost | 4:30-7:30pm

**Unpacking the New Ohio Science Content Standards for Administrators**  
\$155 SMART Members  
\$232 Non-Members  
8:30am-3:30pm

**April 21 What is the IEP?**  
8:00am-12:00pm

**April 24 Introduction to Assessment for Learning**  
\$175 SMART Members  
\$255 Non-Members  
8:30am-3:30pm

**April 25 Using Social Media Safety Apps in the Classroom Flipping: The Upside down Classroom Bullying in the Digital Age**  
4 weeks 1 graduate credit

**April 25 Boys Adrift: Guiding Underachieving Young Men**  
4 weeks 1 graduate credit

**April 26 Get in Touch with the iPod Touch**  
\$300 cost | 4:30-7:30pm

# May

**May 2 Beginner iPad 2: Enhance Teaching and Learning**  
\$615 cost | 4:30-7:30pm

**Unpacking the Common Core Standards for Math, Grades 9-10**  
\$155 SMART Members  
\$232 Non-Members  
8:30am-3:30pm

**May 3 Spring AppsFest**  
\$20 at the Idea Center or \$50 via view-only webstream or \$75 per site via videoconferencing  
4:00-6:00pm

**May 31 Beginner iPad 2: Enhance Teaching and Learning**  
\$615 cost | 4:30-7:30pm

more in March:

