



# Flipping & Blending

Health Education Curricula  
to Heighten Impact while Reducing Class Time

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*Bridging the Gaps: Eliminating Disparities in Teen  
Pregnancy and Sexual Health June 4-6, 2014*



Advancing science  
Reducing risk  
Improving lives

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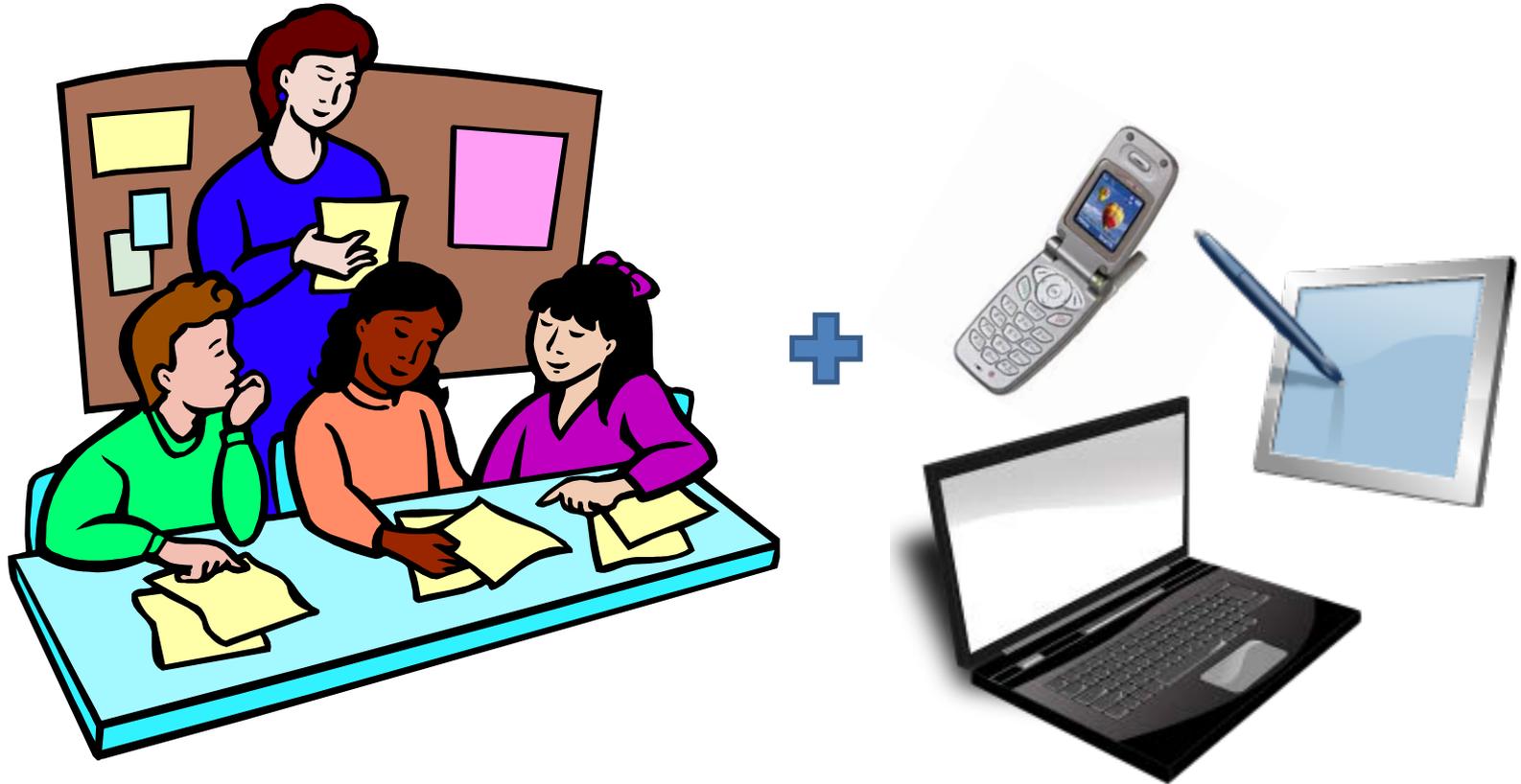
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☺ *“Blended RTR” Project is funded by the Grove Foundation & ETR* ☺

# Session Objectives: Explain or Describe...

- Research supporting blended learning
- The flipped-classroom blended learning model
- Step-by-step curriculum conversion plan
- Examples from a flipped/blended curriculum

# Blended Learning



Mix of traditional and technology-enhanced learning  
(Staker & Horn, 2012)

# The Research on Blended Learning

- Limited for K-12 Population
- US DOE Meta Analysis, 2010
- Empirical studies in sexual health featuring blended learning
- Anecdotal/Popular Literature

# Blended Learning Models

- Multiple models; still developing
- Examples from Staker & Horn, 2012
  1. Flex Model
  2. Self Blend
  3. Enriched Virtual Model
  4. **Rotation**
    - \* *includes Flipped*



# Flipped Classroom



Home

Online  
Instruction

School

Practice &  
Application

# Think About It!

- Small group discussion

*What are some benefits & challenges of using the **blended learning flipped classroom model** in our work?*

# Select Benefits

- Optimizes instructional time
- Engages learners in content
- Updates instruction
- Increases relevancy and motivation
- Captures student performance



# Decided on Blended Model

- Program length
- Teachers asking for ways to shorten curriculum
- RTR content well suited for flipping

# Step-by-Step Flipping and Blending

## 1. Prepare

- Clearly Define Parameters
- Build Your Team

## 2. Plan Conversion

- Analyze Curriculum
- Re-Chunk into Online & In Class Sections
- Add More Learning Infrastructure

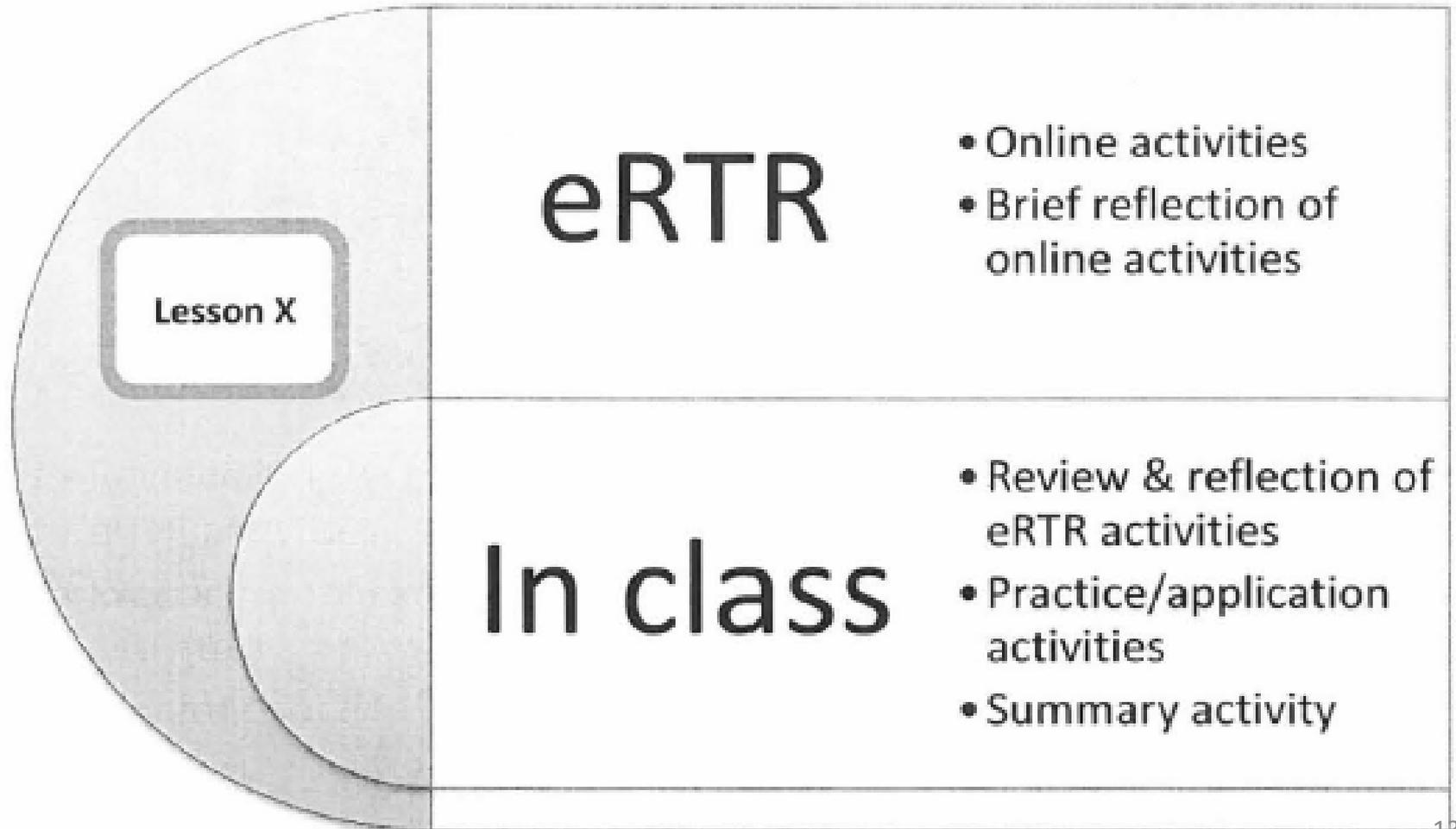
## 3. Build with Copious Input from Team

# Blending Content

Content	Possible Online Strategies for eRTR Activities
<b>Knowledge</b>	Text, photos, graphics, and audio recordings; digital quizzes
<b>Skills</b>	Graphics, video and audio demos; skill assessment tool
<b>Question &amp; Answers</b>	Question discussion board
<b>Personalization</b>	Blog, private journal with prompts/activities
<b>Social norms</b>	Anonymous polling, discussion boards
<b>Resources</b>	Teacher- and school-approved links



# Example of Step 2: Plan Conversion



# Try It!

**Review handout of sample lesson**

**Work in small groups to:**

## **Plan Lesson Conversion**

- Analyze Lesson
- Re-Chunk into Online & In Class Lessons
- Add More Learning Infrastructure

**Post Online and in Class Lesson**

# Issues to Consider

- Access
- Mobile
- Motivational incentives
- Enrollment
- Teacher skills

# Flipped & Blended Curriculum Example

New Class #	Time		Activity
<b>1</b> (Class 1: Abstinence, Sex and Protection)	50	10	Introduce Curriculum and Model Role Play, Version 1
		25	Pregnancy Risk Activity Parts 1 and 2
		10	Model Role Play, Version 2
		5	Lesson Summary
<b>eRTR</b>	25	10	STD/HIV Risk Activity
		5	Personalizing Risks
		8	Communicating about abstinence 1-3
		2	Summary and reflection
<b>2</b> (Class 2: Abstinence: Not Having Sex)	35	10	Review Previous Learning & reflection
		8	Communicating about abstinence (4-5 in class)
		10	Facts about abstinence
		10	Reasons that many teens don't have sex
		2	Lesson Summary

<https://ec2-54-201-231-104.us-west-2.compute.amazonaws.com/>

# Blended Learning Resources

- Clayton Christensen Institute for Disruptive Innovation (formerly Innosight Institute)
  - <http://www.christenseninstitute.org/>
- Keeping Pace with K12 Online and Blended Learning
  - <http://kpk12.com/>
- Stacker, H. & Horn, B. (2012). Classifying K-12 Blended Learning.
  - <http://www.innosightinstitute.org/innosight/wp-content/uploads/2012/05/Classifying-K-12-blended-learning2.pdf>
- U.S. Department of Education, Office of Planning, Evaluation, and Policy Development, *Evaluation of Evidence-Based Practices in Online Learning: A Meta-Analysis and Review of Online Learning Studies*, Washington, D.C., 2010.
  - <http://www.ed.gov/about/offices/list/opepd/ppss/reports.html>.



# Questions & Closing Comments





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