



Discovery Education *streaming*

After School Discovery

A 60 minute introduction to Discovery Education *streaming* for new users.

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August 2009

How do we get teachers started with Discovery Education *streaming* when you only have 60 minutes before or after school? It is not ideal. The time is short, teachers are fatigued after a day of teaching, and many other duties are calling. A two-hour or half-day is much more effective. But an after school session may be all we have.

Research shows that barriers to adopting new technology have to be overcome in order for teachers to embrace and implement new technology (de la Garza, 2006; Giuliani, 2001; Lundgren, 2007; Masalela, 2006; Pachnowski, 2002; Westergaard, 2000). One of those barriers has to do with the first experience with a new technology.

The first experience has to be a good one. We know if the initial experience is positive, and we can demonstrate the possibilities of the integration digital media, teachers will embrace *streaming* and use it effectively in the classroom.

This 60 minute event is one approach to the after school professional learning experience for as many as 10 to 12 participants. It is designed to introduce new users to *streaming*.

Quality professional learning should be an on-going process (Baker, 2002; Kirst, 2005; Madi, 2005). This event should be viewed as one step in learning to implement digital media.

Goals

The goals of this session are to:

- Learn how to log on to the *streaming* site and observe updating the user profile
- Learn how to use the search tools
- Learn to play and download a video segment
- Discover the Teacher Center
- Learn where to find help
- Begin to build a professional learning community locally and through participation in Discovery Educator Network (DEN).

Pre-session Tips

To make this session successful, the school's technology and curriculum leaders need to set the stage. Time *flies* in this workshop so preparation is key! Here are a few prerequisites:

- School leaders need to demonstrate a commitment to the integration digital media.
- To take advantage of extra resources, consider becoming a STAR Discovery Educator at <http://community.discoveryeducation.com>.
- Order a training kit(s) from Discovery Education and distribute materials at the beginning of the session. These are available to STAR Discovery Educators at <http://community.discoveryeducation.com>.
- This session is designed for a computer lab or access to several computers so teachers can have hands on learning.
- Create accounts and assign user names and passwords before the session. Distribute the logins as participants arrive. A 60 minute session does not allow time for new users to set up accounts. Users can update profiles after the session or in another professional learning event.
- Practice the presentation, set up the room, and test the equipment and connections before participants arrive.
- Use the companion After School Discovery PowerPoint presentation. It is available at <http://www.berrienresa.org> - Click on the Discovery Education streaming (Unitedstreaming) link in the list of services. The file is at the bottom of Berrien RESA's *streaming* page.
- Review the Trainers Toolkit in the Professional Development area of the *streaming* site for additional presentation content ideas. Take advantage of the handouts and the Training Invitation. Some of the slides from the Discovery Education Full Training Presentation PowerPoint presentation may also be helpful.
- Plan a follow up session and have a plan for support.
- Utilize a data projector for demonstration so that teachers can follow along. If possible use two projectors, one to use the *streaming* site and one for your PowerPoint.

Additional Training from Discovery Education

On the Professional Development page in Discovery *streaming* there are a number of training resources.

Step-by-Step

1. Welcome and set the stage
2. Log on and look at your profile
3. Search for content using the search tools
4. Search for a video, locate the segments, and play a segment
5. Download a video segment
6. The Teacher Center
7. Professional Development
8. Professional Learning Community and DEN

Agenda

(PowerPoint references are from the *after_school_discovery ppt* at <http://www.berrientech.org> - Discovery Education *streaming* link)

1.	5 minutes	Welcome the participants. Share a positive, meaningful experience you have had with <i>streaming</i> . Share the session goals and briefly describe the session activities. PowerPoint Slide: 1
2.	5 minutes	Demonstrate and direct users to enter the site and log on. Demonstrate use of the My Account link and show users where they can update their profile and change their password. PowerPoint Slides: 2, 3
3.	5 minutes	Demonstrate a search on “Ring of Fire” using the main search tool at the top of the page. This will find the video segment <i>Ring of Fire</i> and <i>Volcanoes: Mountains of Fire</i> . Or use a video of your choosing that has similar features. Point out the Curriculum Standards for this video. Point out searching by subject, grade and curriculum. PowerPoint Slides: 4, 5
4.	14 minutes	Using the content you found in the search, demonstrate locating segments and play the <i>Ring of Fire</i> segment. Point out the Teacher Guide, Blackline Masters and Citations and Curriculum Standards for this video. Demonstrate playing the segment. Demonstrate downloading the segment. Demonstrate selecting QuickTime or Windows Media by selecting the “Media Settings” tab at the bottom of the video. PowerPoint Slides: 6, 7, 8, 9, 10
5.	18 minutes	Guide participants in finding their own video, playing a segment and downloading a segment. Optional: <i>If</i> time permits, demonstrate embedding a video in PowerPoint or Keynote. Use the Discover Education handout <i>Embedding Videos</i> in the Trainer’s Toolkit.
6.	4 minutes	Guide participants to the Teacher Center and point out the resources. PowerPoint Slide: 11
7.	4 minutes	Guide participants to the Professional Development area and point out the resources. Highlight the Live Online Sessions (Webinars). PowerPoint Slide: 12, 13
8.	4 minutes	Encourage teachers to work together and share experiences and ideas in the coming weeks. Introduce the Discovery Educator Network and encourage participants to join the DEN community. Conclude the session. PowerPoint Slide: 14
9.		After the session, reflect on what worked and what can be improved. Seek feedback from the participants. If possible, provide an open lab for a period of time for those who want to stay and practice.
10.		Follow up with additional professional learning experiences, encourage teachers to use the professional development from Discovery Education, and promote the Discovery Educator Network (DEN).

References

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