zipTrips
PURDUE

Connecting to the LIVE show

You will view the show by using a URL that is located on the zipTrip page for the show you have selected. This will also be sent out to you ahead of time via email. If this is an archived show, it will be a URL for an archived program. You can click this link and play the show at any time.

For a future live show, you will use a streaming URL that is located on the zipTrip page for the upcoming live show. We will also send this out via email ahead of the zipTrip as a reminder.

You can test this streaming URL **at an announced time before the show. This time will come via email with the URL for the show. This test stream will last ONE HOUR;** until then, it won't work.

To watch online, you must have Windows Media Player, which can be downloaded free at:

http://windows.microsoft.com/en-US/windows/downloads/windows-media-player

To test your operating system or for questions, contact IT@P Broadcast Network Streaming Services:

Phone: (765) 496-6113 or (765) 494-1032

Submitting Student Questions to Scientists during LIVE Show:

Have a computer set up nearby with e-mail access. E-mail student questions at any time during the LIVE show. Send questions to: ziptrips@purdue.edu

In the subject line, please include the name of the scientist your question is for and which state you are from.

Teacher and Technology Tips

For using zipTrips + HotSeat in the classroom

What technology is needed?
You can access HotSeat from almost any device with an Internet connection. This could be a desktop computer or mobile devices such as laptops, cell phones, iPads, iPods, etc. The idea is for each student in your classroom (or they could work in groups) to have access to a device that is connected to HotSeat.

How do students log on?
Login at: www.purdue.edu/hotseat/open
Students can use Gmail, Yahoo, AOL, or Facebook accounts to access HotSeat. You will need to test this ahead of time to make sure your school's firewall will allow your students to access HotSeat. Each student will need to create a HotSeat profile. We ask that students use their school names, instead of their own personal names. Example:

> *First name* – Jones   *Last name* – Middle School
> *First name* – Learning   *Last name* - Academy

By using the school name, we will be able to mention your school LIVE on the air. We will not mention individual student names.

How do I set up my classroom?
Ideally, you will have one computer connected to the LIVE zipTrips web stream. (Connecting multiple computers will bog down your school's network and cause the program to delay, freeze, etc.) Then, project the web stream on to a screen in front of the classroom.

How does HotSeat work?
Once your students are logged in to HotSeat, they can submit thoughts and questions for the zipTrips scientists. Fellow students can then vote on questions they like. We will ask the questions with the most votes LIVE on the air.
**Students will need to 'change topics' between zipTrips segments/scientists.
Example: Topic #1 = questions for scientist #1
                  Topic #2 = questions for scientist #2

Preparation is key!
Do not wait until the last minute to use these two programs at your school. Make sure to download the 'Connecting to the LIVE Show' guide from the Purdue zipTrips website for the web streaming URL. Also, test your connection to the web stream and HotSeat at least one week before the big event.

Case Study: Nancy Hanks Elementary
Nancy Hanks Elementary school in Ferdinand, IN pilot tested zipTrips + HotSeat with us for the very first time in November 2011.

Administrative and Parental Support
The teacher kicked off her school's participation by sending home a bulletin to parents to let them know what was going on, to request permission for students to bring in personal mobile devices from home, and to make sure students had Gmail, Yahoo, or AOL accounts.

Technology
Nancy Hanks does not have mobile devices available for each of their students. Therefore, each student brought in a laptop, cell phone, iPod, or iPad from home. The teacher also provided her own devices for the students to use.

Preparation
The teacher projected a HotSeat test space (which we will provide to you before the zipTrip) onto a screen in front of the class a week before the zipTrip. Students were able to preview the test space and get a feel for how to post ideas and questions into HotSeat. The school also had to open areas of their firewall to allow access to HotSeat, Gmail, and Yahoo.

Day of the zipTrip
The teacher cut up strips of paper with the HotSeat website address for students' quick reference during the LIVE show, in case they needed to log out or log back into HotSeat. The zipTrips web stream was projected onto a Smart Board in front of the classroom. Each student had a mobile device logged in to HotSeat and was able to post ideas and questions for scientists during the zipTrip. The teacher and students reminded one another to 'switch topics' between zipTrips segments. The 50 participating students made a total of 294 posts with 1,254 votes on the posted questions.