

Resources for Videoconferencing in the Classroom

Equipment

Polycom equipment can be purchased through their website at polycom.com. They also have additional resources on their website.

www.polycom.com

Other Schools Using Videoconferencing

The following website is a searchable database of schools listed by country using videoconferencing.

http://www.gsn.org/gsh/cu/_cfm/countrylist.cfm

Looking for program providers or simply interested in connecting with another classroom? The SBC Videoconferencing Directory is a free, searchable database of videoconferencing sites of interest to K-12 school, community college, and public library communities. The directory includes contacts, program descriptions, and equipment information for over 1115 sites.

<http://www.kn.pacbell.com/wired/vidconf/directory.cfm>

Resources for Finding Content Providers

The Center for Interactive Learning and Collaboration is a content destination renowned for its comprehensive programming. Clients have access to hundreds of offerings that range from the arts to science to healthcare. Participants tap into rich, new opportunities as they interact with peers across the nation and beyond.

Search the CILC database for hundreds of offerings available through videoconferencing. You may search by keyword, date, content provider, and more. If you don't find the program you're looking for, you can post a program need.

http://www.cilc.org/search_program.aspx

The following site is a compilation of information regarding available videoconferencing events for K-12 students. Each of the sites listed to the left side of the screen offers sessions.

By clicking on a site you will be able to view specific information regarding its programs. Included details are contact information, targeted grade levels. Program costs, and content descriptions.

http://www.cesa10.k12.wi.us/services/educational_technology/.field_trips.htm

Reflector Sites

NASA TV 1—IP Address (1) 139.88.27.43

NASA TV 2—IP Address (2) 129.186.112.242



Bridging the Distance

Videoconferencing in the Elementary Classroom

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I hope this presentation will inspire you to use video-conferencing not just as a novelty or a free-time activity with your students, but as an integrated, focused part of those all-important lessons that keep you in the teaching profession.

Session Goals

- **Description/Overview**
- **Materials/Equipment**
- **Helpful Hints/Lessons Learned**
- **Resources**
- **Q & A**

Illinois Learning Standards

- **English/Language Arts**
- **Fine Arts**
- **Foreign Languages**
- **Mathematics**
- **Physical Development and Health**
- **Science**



Video conferencing technology allows people at two or more locations to see and hear each other at the same time.

“Video conferencing lends itself to viewing multiple perspectives on an issue and it better addresses the needs of visual learners. Also, collaborative learning is practically automatic with videoconferencing. Videoconferencing helps set up authentic learning situations — students are working on a real-world problem or project and they are . . .

...communicating with real people involved in the problem or project. This also supports the ideas of authentic assessment—you must have your information pretty accurate before you connect with an “expert” and ask meaningful questions.”

— Beth Bustamante, SBC Education Advocate

Advantages

- **Better Planning**
- **Interaction with Experts**
- **Learn about cultural Differences**
- **Addresses different Learning Styles**
- **Increases Motivation**
- **Better Retention**
- **Improves Skills**

Basic Videoconferencing Technology

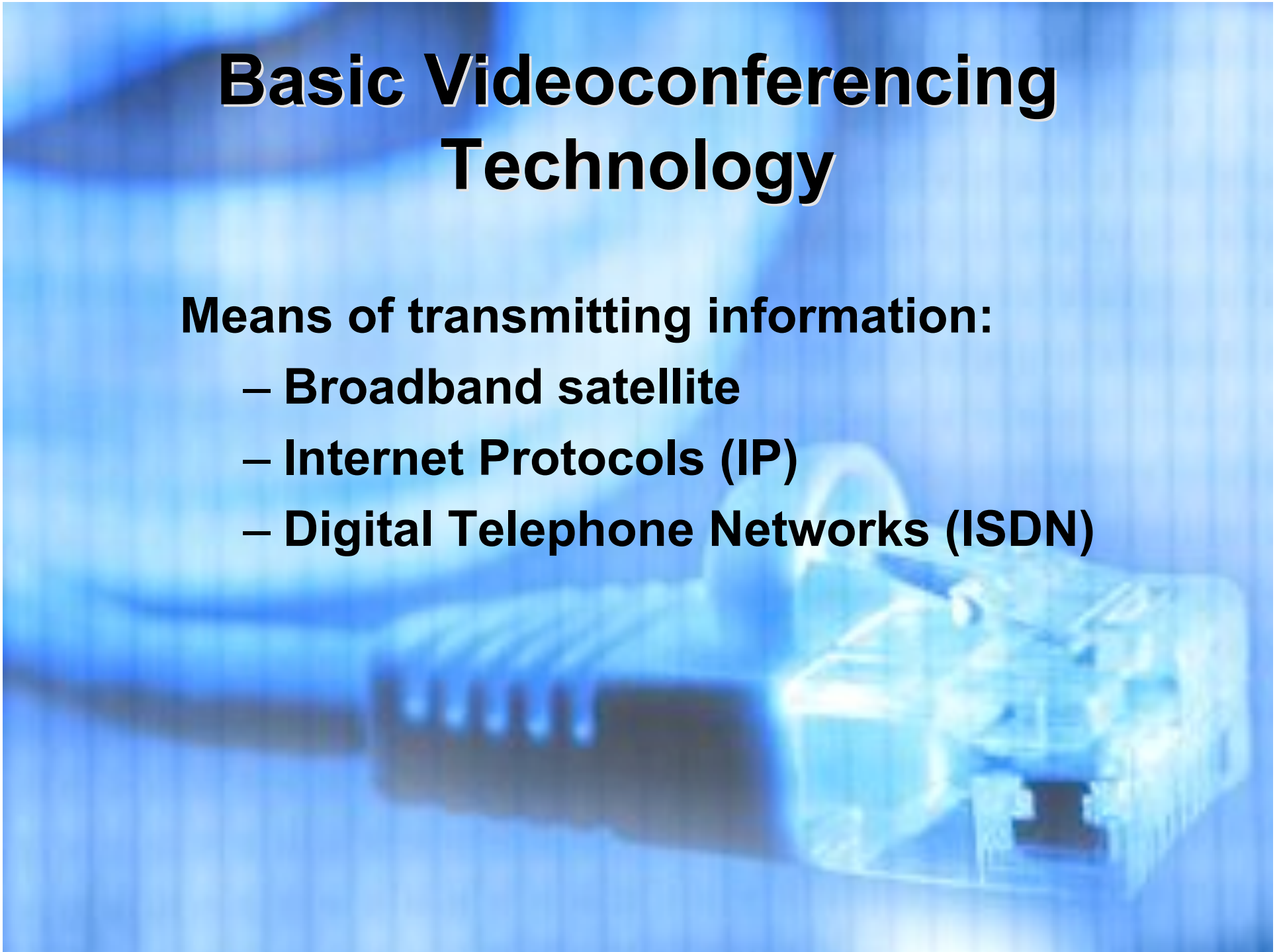
Audio-Visual Equipment:

- Monitor**
- Camera**
- Microphone**
- Speaker**

Basic Videoconferencing Technology

Means of transmitting information:

- Broadband satellite**
- Internet Protocols (IP)**
- Digital Telephone Networks (ISDN)**



Examples of Ideas

- **Contact a Senator for student awareness of government.**
- **Connect with schools across the country to follow migration of various animals (such as birds, butterflies, etc.)**
- **Ask a Scientist**
- **Virtual Field Trips**
- **Professional Development**

Helpful Hints

- **Lighting**
- **Cue Cards/Eye Contact**
- **Audio**
- **Photos and Props**
- **Interactivity**
- **Appearance and Attention**
- **Moderator**
- **Rehearsals**
- **The Show MUST Go On!**

Resources

- **Museums**
- **Libraries**
- **Universities**
- **Colleagues**
- **Handout**

Q & A