

Lights, Camera, Action!

Using Video Technology to Support Individuals with Disabilities

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What is Technology?

Technology is the technical means people use to improve their surroundings. It is also a knowledge of using tools and machines to do tasks efficiently.

Utilizing Video Technology:

What are the different mediums?

- Home made movies
- Purchased movies
- Power Point Presentations
- Television
- Movie clips
- Video and Computer Games

Video Modeling

Video modeling is an instructional process of videotaping behaviors in a specific way in order to develop the ability to memorize, imitate and generalize those behaviors.

“Feedforward”

- Specific type of video modeling
- Video of individual engaging in the act of completing skills not yet learned
- A way to introduce a new skill or behavior

What Does the Research Tell Us?

- Research has found that the use of video modeling (including self modeling and peer modeling) can have a great positive impact in the areas of social communication, daily functioning skills, and academic performance on children with various disabilities (e.g., Apple, Billingsley, & Schwartz, 2005)

Research

- Why does using this technology make sense?
 - Many individuals with disabilities demonstrate TV “Watching Skills” (Browning & White)
 - Creates opportunities for repeated viewings (Charlop & White)

Research

- The National Teacher Training Institute found that ALL students learn more when television and video are incorporated into teaching.
 - Students are more engaged
 - Students learn and retain more

(From NTTI Survey of over 1100 elementary, middle, and high school students, 2003)

Research

- IN FACT...
 - Video modeling was shown to be more effective than in-vivo (live) modeling. It had faster rates of acquisition and was more effective in promoting generalization (Charlop-Christy, Le, & Freeman, 2000).

Ways we can use video technology

- Skill development
- Maintenance of skills
- Transition planning
- Employment
- Support staff training
- Self-advocacy

Skill Development

- Social Skills
- Self Help
- Community Functioning Skills
- Regulation
- Safety

Self Help

- Our example...PowerPoint
 - Washing Hands

Maintenance of Skills

- Using videos of the individual performing already mastered skills as a means of supporting when skills are difficult to access.

Maintenance of Skills:

Community Functioning Skills

- Take a look at our sample...



Transition Planning

- School
- Home
- Employment
- Community

Transition Planning

- Take a look at our sample....

Employment

- Using video tapes to illustrate skills
 - Show video of skills
 - Video interviews
- Using modeling to teach new employment routines

Employment

- Showing employment skills to perspective employers



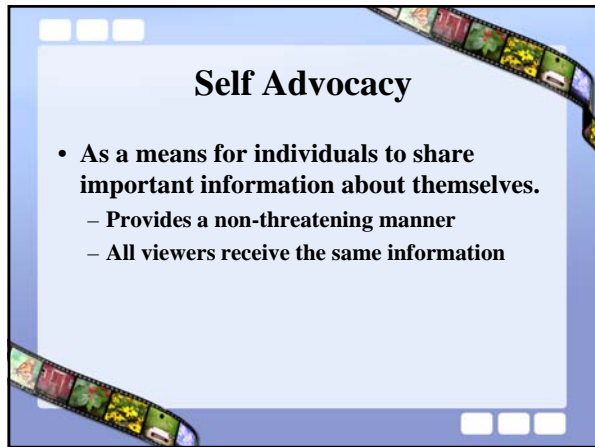
Support Staff Training

- **Training of new staff on how-to support individuals**
 - Strategies and techniques
 - Behavioral levels and interventions
 - Interests and passions



Support Staff Training

- **Take a look at our sample...**



Self Advocacy

- **As a means for individuals to share important information about themselves.**
 - Provides a non-threatening manner
 - All viewers receive the same information



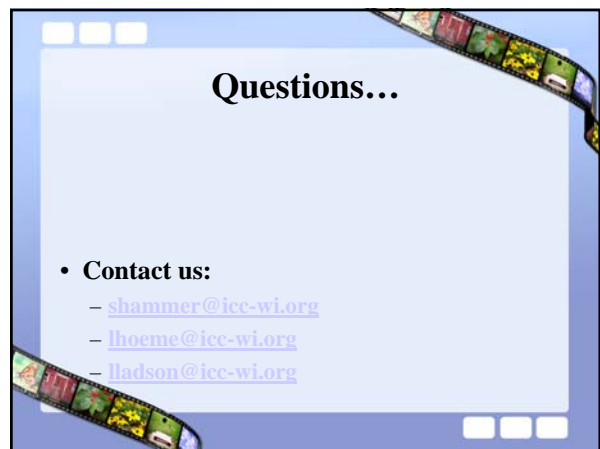
Self Advocacy

- **Adult training video for new staff**



How To Steps:

- **Picture Goal(s) of video**
- **Consider your audience**
 - Length of video
 - Perspective shot from
 - Need for continuity
 - Need for reinforcement
- **Shoot video**
- **Develop schedule for viewing**



Questions...

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