



# **Practical Tips for Capturing High Quality Digital Video**

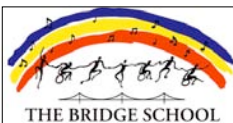
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AAC by the Bay

October 1, 2005

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## **Introduction & Overview**

- Background & challenges
- Purpose of using digital video
- Planning what to capture/shoot
- Prior to shooting - checklist
- Tips on capturing video
- Building a digital video system
- Online resources
- Questions

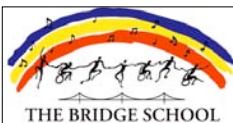
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## Background & Challenges

- In interactions with AAC, partners convey much meaning visually
- It is difficult for educators & researchers to assess & document interactions in real time
- Many communication strategies rely on the use of space
- Much of the meaning is co-constructed by the conversational partners

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## Video is Useful for Assessment & Research

- Readily capture & review interactions
- Easily observe, reflect & provide feedback
- Quickly make comparisons
- Collaboratively share information to improve intervention
- Systematically track & document progress over time

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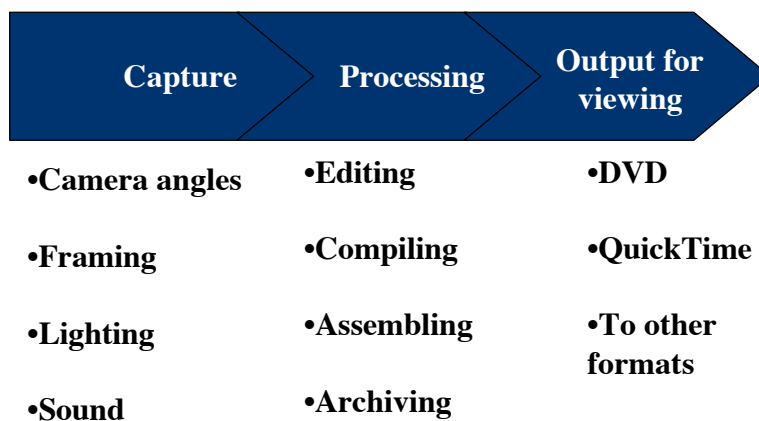
## Why Go Digital?

	Digital	Analog
Pros	<ul style="list-style-type: none"> <li>•Resolution</li> <li>•Turn-around time</li> <li>•Easily convertible</li> </ul>	<ul style="list-style-type: none"> <li>•Widely available (VHS)</li> </ul>
Cons	<ul style="list-style-type: none"> <li>•Issues around compatibility</li> </ul>	<ul style="list-style-type: none"> <li>•Resolution</li> <li>•Turn-around time</li> </ul>

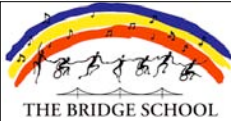
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## Digital: One Format throughout the Process



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## Planning your shot



Eyes &  
Face

1-person or more



Gestures with  
various body parts

Communication  
partners

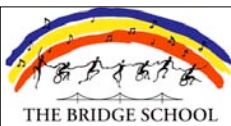


Assistive  
Technology

Materials or  
relevant objects

**What you need to capture depends on your purpose.**

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## Planning what to capture/shoot

**1-person  
Close-up**



**Extreme**



**Medium**

**1-person  
medium**



**1-person  
long**



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## Planning what to capture/shoot

**2-person  
medium**



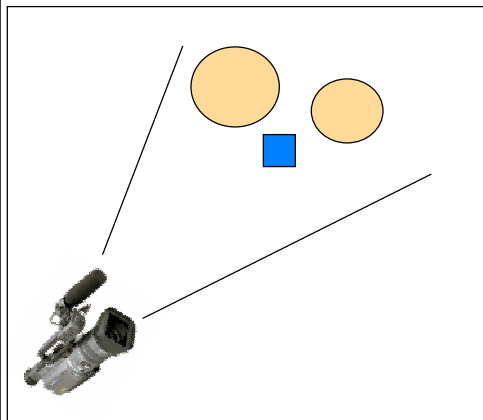
**2-person  
long**



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## Planning your shot: One camera



- Child's face & upper body
- Mom
- Objects

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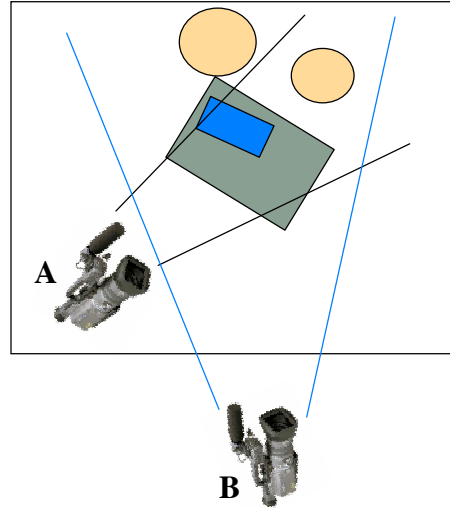
## Planning your shot: 2 cameras



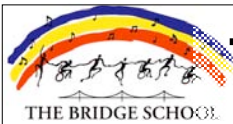
A



B



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## Time-synched composite of 2-shots

J.A. School 1on1  
2 Shot Composite  
2003 - 2004 School Year  
2/26/04

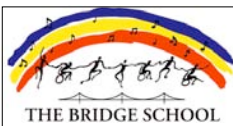
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## Using multiple camera angles

K.G. 1on1 Camera A  
2004 – 2005 School Year  
12/14/04

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## Using multiple camera angles

K.G. 1on1 Camera B  
2004 – 2005 School Year  
12/14/04

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## Using multiple camera angles

K.G. 1on1 Camera C  
2004 – 2005 School Year  
12/14/04

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## Using multiple camera angles

K.G. 1on1 Composite  
2004 – 2005 School Year  
12/14/04

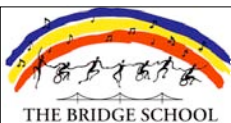
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## Using multiple camera angles



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## Video Checklist

### Time

- Allow for enough time (setup & taping)
- Never perfect

### Physical layout

- Visit/scout the location if possible
- Floor plan diagram

### Materials

- Camera(s)
- Batteries charged
- Bring extra tapes
- Tripod (recommended)

### Sound

- Wireless mics
- Batteries for mics
- Test the mics
- Earpiece/headphone for the camera

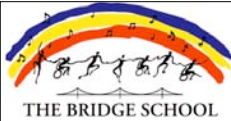
### Lighting

- Don't mix light sources (daylight & room light) stick to one

### Practice run

- Shoot in the location
- Set up an example scenario
- Review footage, make adjustments

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## Tips on capturing

- Do not talk while shooting
- Do not narrate while shooting
- Do not zoom drastically
- Do not mix light sources.

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## Setting up a basic digital video system

<b>Items</b>	<b>Price</b>
<b>Camera</b>	<b>\$400-\$500</b>
<b>Editing software</b>	<b>\$100-\$300</b>
<b>Hard drive storage</b>	<b>\$100-\$200</b>
<b>Total</b>	<b>\$1000.00 or less</b>
<b>Miscellaneous</b>	
•Tape stock	
•Carrying case	
•Wireless microphone	

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## Online resources

- Purchasing
  - [www.snader.com](http://www.snader.com)
  - [www.cdwg.com](http://www.cdwg.com)
- Reference sites
  - [www.apple.com](http://www.apple.com)
  - [www.shopper.cnet.com](http://www.shopper.cnet.com)

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## Questions & wrap up

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