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Home Brew Video Studio Equipment

Performing on the Cheap

Welcome
 to the
 Center for
 Teaching
 and
 Learning



Teleprompter

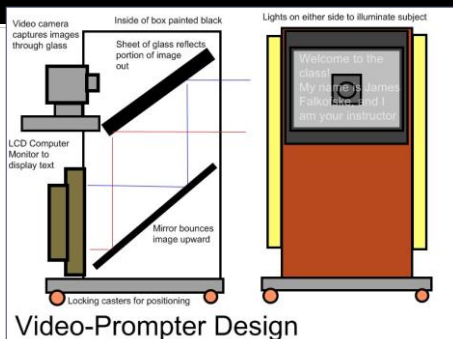
- Teleprompter allows reading of script while looking directly into camera
- Glass reflection and transmission abilities
- Mirror effect of dark background behind glass

Teleprompter

- Plywood box
- Black curtain
- Mirror in bottom
- Glass on pivot



Teleprompter Design



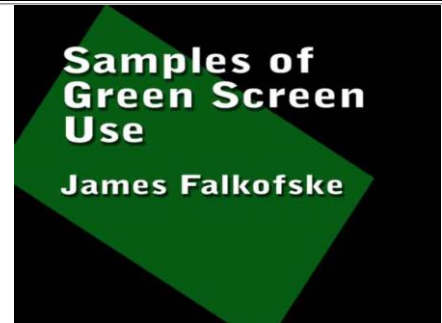
Lighting

- Video required broad and even lighting
- Lights required for
 - Main Light
 - Fill Light
 - Background Lights
 - Optional: hair light

Lighting Tricks

- Fluorescent bulbs daylight balanced
- "Emergency blanket" reflectors
- White "sheet" fabric for reflectors and diffusion materials
- Aiming lights at white ceiling panels

Chromakey Example



Chromakey / Greenscreen



Chromakey / Greenscreen Tricks

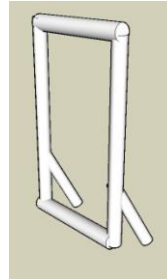
- Background must be evenly lit
- Must be consistent color
- Should be either a saturated green or blue
- Background should not be reflective

Background Stands

- 1-1/2" or 2" PVC pipe
- Use spring-clips for securing fabrics
- Remember video is a horizontal presentation



Background Stand Construction



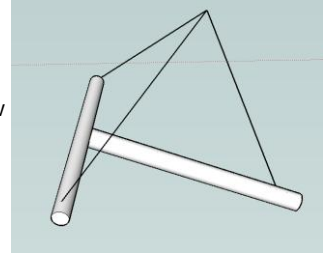
- Provide additional legs to keep "airborne"
- Legs protrude out to provide a "sweep" at bottom
- Allows wall to help support frame directly

Camera Dollies

- T-Shape to support 3 tripod feet
- Drill holes in the PVC tubes into which tripod feet sit
- Attach medium-sized casters to bottom

Dolly Diagram

- PVC pipe joined in a T-shape
- Holes drilled in top surface allow Tripod to sit in dolly
- Casters on bottom (larger are better)



Shameless Plugs

- www.PedagogyOnline.com
- Technologybites.blogspot.com