

# Sage Tweed Spring Program Lighting Setup

## Green Screen

All light values are measured with a light meter that has been calibrated to match the exposure value of the camera(s). The camera and meter ISO is set to 100. The camera's f-stop will be f8 and the shutter speed will be 125th of a second. All light measurements will be based on this, ISO 100 and the camera will be set to f8 @ 125th of a second.

**Follow the lighting diagram for the position of the lights.**

### **Fill Light = 45" umbrella**

- Approximately 66 inches high
- 12.6 feet from background
- Measure this light with a light meter by itself at f4.5. Point the dome of the light meter at the camera.

### **Main Light = 45" umbrella**

- Approximately 60 inches high
- 11 feet from background
- Measure this light with the fill light on. Point the dome of the light meter at the camera. The combined value of both the main light and the fill light firing at the same time is f8. This is the f-stop to set your camera to.

### **Hair/Separation Light = small softbox or striplight**

- Position the hair light on a boom arm above & slightly behind the subject.
- Meter this light with all 3 lights firing. Position the meter at an average head height for the age of your subjects. Point the dome of the meter at the hair light. This light should measure f5.6 to f5.6½.

In your testing be sure to keep the background as evenly lit as possible! If you see any shadows, adjust your main & hair/separation lights to eliminate all shadows.



# Camera Room Lighting Diagram

