

GREEN SCREEN BASICS

Why shoot with a green screen? – Shooting green screen allows you to manipulate the image behind your subject allowing you to place the subject in a specific place of your choosing. You can use live action images, photos or even cartoon and computer graphics.

Why green? – When you look at the color spectrum, skin tones are generally in the opposite color spectrum from green. So when you start to key out the green, you don't have to worry about removing skin tones.

The space:

1. The larger the space, the better. You want to have enough room to move around and make adjustments.
2. Make sure there is good lighting available wherever you are shooting.

Positioning the subject:

1. Place the subject as far away from the green screen as possible. Being too close to the screen will cause green *spillage* on the subject and shadows on the screen. These are difficult to remove in *post production (editing)*.

Lighting:

1. Subject lighting
 - a. Use separate lighting for the subject.
 - b. Light the subject as evenly as possible, avoiding shadows.
2. Green screen lighting
 - a. Light the screen independently and as evenly as possible. Avoid dark or overly bright areas.
 - b. Position the lights as close to the screen as possible and as bright as possible to keep it even.

Post-production:

1. Import the footage onto the computer and then into an editing program.
2. Use any variety of editing software to execute the green screen "keying" (meaning taking out the green and replacing it with the background you want).

Video tutorials:

<https://www.youtube.com/watch?v=rZY6OZvlpZc> - keying out green in iMovie

<https://www.youtube.com/watch?v=XR1nUAchiM0> - making a green screen at home.