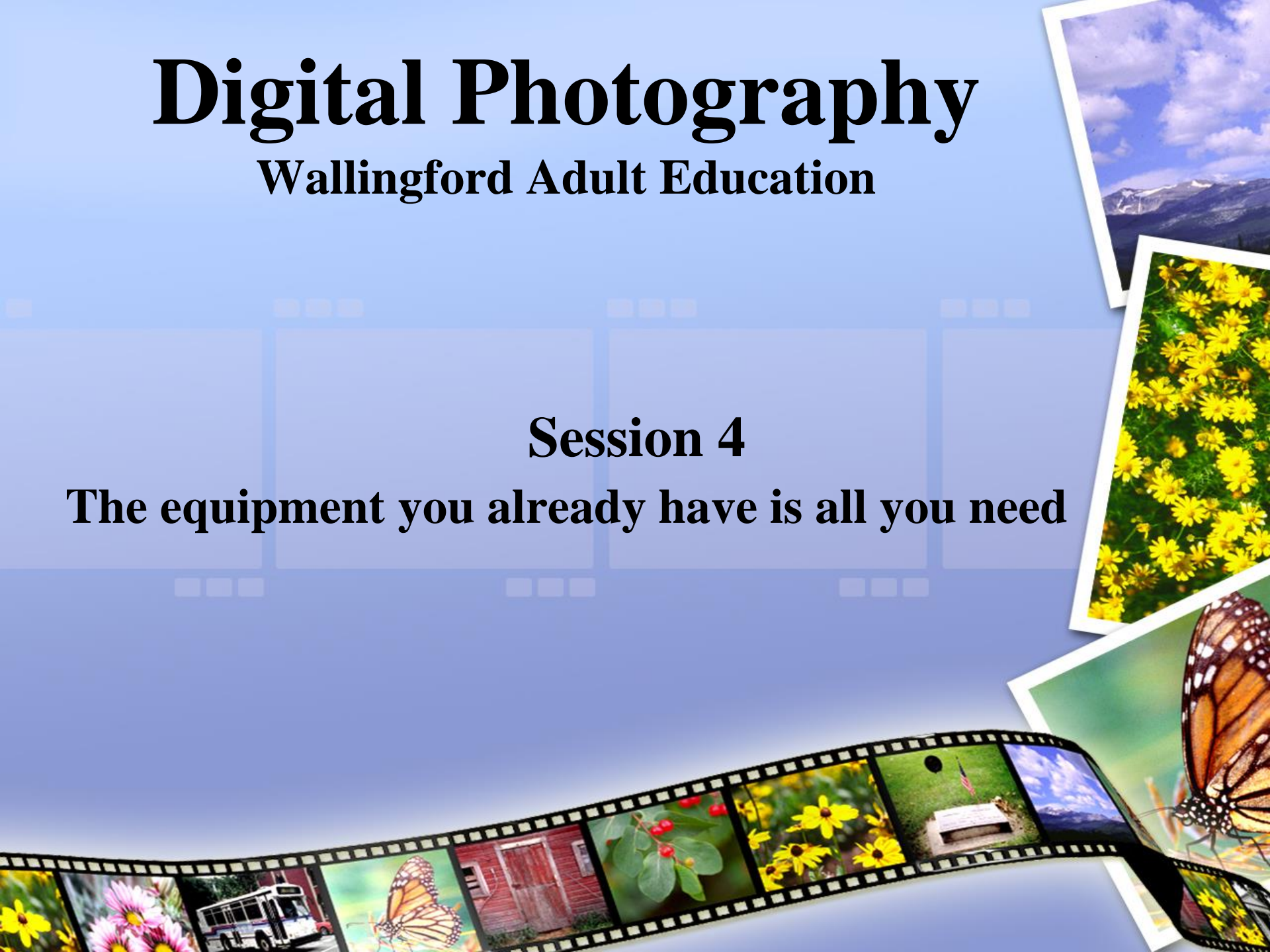




Digital Photography

Wallingford Adult Education

Session 4

The equipment you already have is all you need





Session 3 Recap

- **Composition**
- **Optical Thirds**
- **Camera Controls**
 - **Shutter Speed**
 - **Aperture**
- **Controlling Motion**
- **Depth of Field**

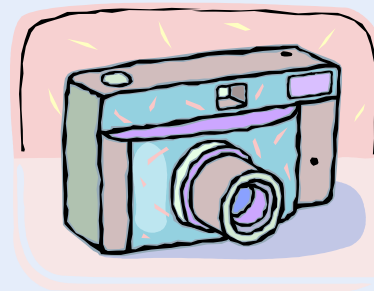
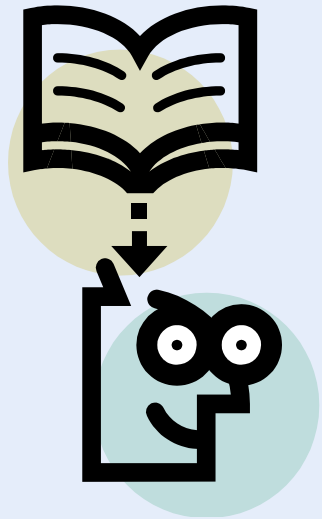


Elements of Good Photography

- **Know your Equipment**
 - **Know what it can do**
 - **Know what it can't do**
 - **Know how to compensate for what it can't do**
 - **Know how to make it work to your best advantage**

Elements of Good Photography

- **How???**
 - **Read the instruction manual**
 - **Practice**
 - **Take pictures**
 - **Experiment**
 - **Analyze the results**
 - **Take more pictures!**

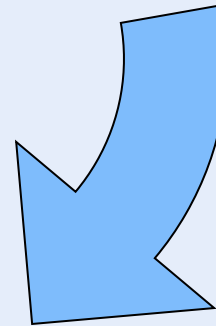
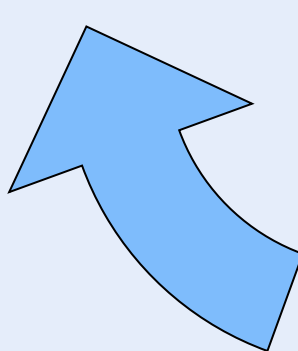
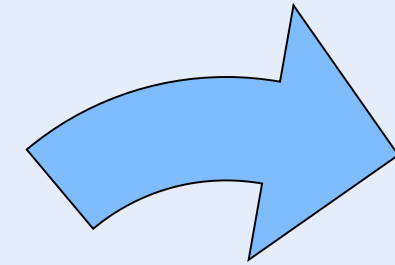


The Cycle of Learning

Take Better Pictures

Take Pictures

Analyze Your Pictures





Lenses

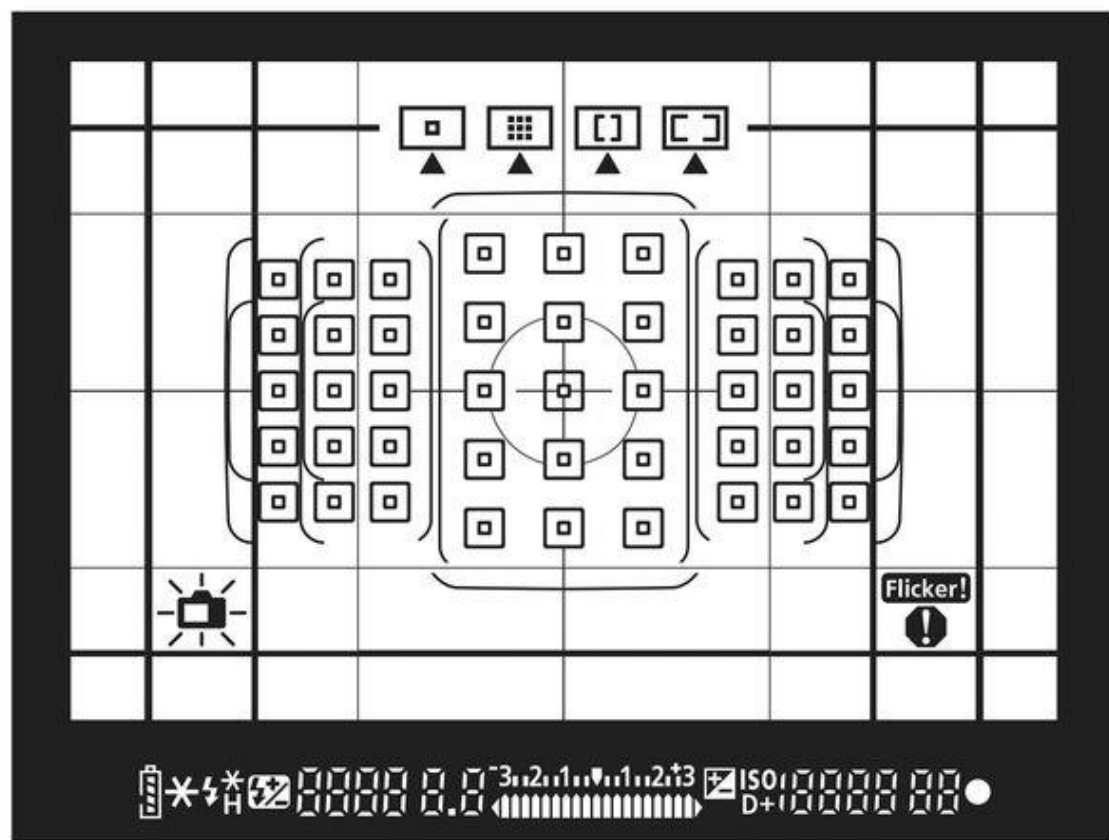
- **Let's look at different Lenses**
 - **Prime Lens:**
 - **One Focal Length (does not zoom)**
 - **Zoom Lens:**
 - **Multiple Focal Lengths (most lenses today)**
 - **Wide Angle Lens:**
 - **Covers Larger Area (Things look farther away)**
 - **Telephoto Lens:**
 - **Magnifies Subject (Things look closer)**

Lenses

- **Effects of different lenses**
 - **Wide Angle**
 - **Greater Depth of Field**
 - **Can Distort subject**
 - **Telephoto**
 - **Shallower Depth of Field**
 - **Can be More Flattering for Portraits**
- **Let's watch a Video!**



A Look through The Viewfinder





Mini Workshop

- **Let's Look at Our Cameras!**
 - **Figure out how to control:**
 - **Focus**
 - **Shutter Speed**
 - **Depth of Field (Aperture)**
- **Read the Manual if you need to**
- **Are there “hidden” features you did not know about before?**



Mini Workshop

- **Let's practice using our cameras!**
 - **Practice Focusing of various objects**
 - Close
 - Far
 - Different spots in the viewfinder
 - Multiple items in the viewfinder
 - **Take pictures setting the shutter speed**
 - Fast
 - Slow
 - **Take pictures setting the aperture**
 - Large
 - Small
 - **Take note:**
 - How does setting the shutter speed affect the aperture
 - How does setting the aperture affect the shutter speed
 - What happens with the ISO setting in each case



NOTES

• Shutter Priority (TV)

- Fast Shutter Speed: _____ Aperture Set by Camera: _____ ISO: _____
- Fast Shutter Speed: _____ Aperture Set by Camera: _____ ISO: _____
- Slow Shutter Speed: _____ Aperture Set by Camera: _____ ISO: _____
- Slow Shutter Speed: _____ Aperture Set by Camera: _____ ISO: _____

• Aperture Priority (AV)

- Large Aperture: _____ Shutter Speed Set by Camera: _____ ISO: _____
- Large Aperture: _____ Shutter Speed Set by Camera: _____ ISO: _____
- Small Aperture: _____ Shutter Speed Set by Camera: _____ ISO: _____
- Small Aperture: _____ Shutter Speed Set by Camera: _____ ISO: _____



Elements of Good Photography

- **Lighting –Indoor**
 - **Available Light –(no Flash)**
 - **Alternatives to Flash**
 - **The Dreaded Red Eye**
 - **How to prevent**
 - **How to fix (post production)**



Elements of Good Photography

- **Using the Camera's Flash**
 - **Know it's distance limitation.**
(most are 10-15 feet)
 - **Know it's “recycle” time.**
 - **Know when NOT to use it.**
 - **Respect people's wishes**



Elements of Good Photography

- **Lighting –Outdoor**
 - Angle of the Sun
 - Deep Shadows
 - Fill Flash

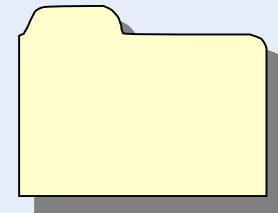



Elements of Good Photography

- **Manipulation of Lighting**
 - Angle of the light source.
 - Adding light
 - Subtracting light
 - Repositioning the subject
 - Repositioning the camera

Show and Tell!

- Let's look at your pictures
 - The good AND the Bad





Session 4 Recap

- **Know your equipment**
- **Lighting**
 - **Indoor**
 - **Outdoor**
 - **Flash**
 - **Red Eye**
- **Manipulation of light**



Next week

- **Session 5: Photo Workshop!**
 - Let's take some pictures



Assignment

- **Bring your Camera!**
(With the Instruction guide if you have it)
- **Take some pictures**
- **E-mail me the best one.**
- **E-mail me the worst one**