Appendix A
See for Yourself Targets

The illustrations on the following pages are designed to be displayed on the screen of your e-reader—iPad, notebook, or desktop computer. You then focus the camera on them to see the principles of photography in action using a simulation of the real world. Here are some tips to using them:

• Many of these targets work best with the camera set to Live View and you should know how to use its manual (M) shooting mode and exposure compensation. There may be times when you have to refer to your camera’s user guide for instructions on how to use a setting.
• Darken the room as much as possible so there is no glare on the ebook reader screen.
• Adjust the screen’s brightness and contrast so you can see all 10 sections of the step scale on Target 5.
• Point your camera at the screen and zoom in and out or move forward to back to fill the viewfinder or monitor with the displayed target. Follow the instructions in the book about what to do.
Target 1. Face Detect

This image is known as the "Fort Worth Five Photograph". Front row left to right: Harry A. Longabaugh, alias the Sundance Kid, Ben Kilpatrick, alias the Tall Texan, Robert Leroy Parker, alias Butch Cassidy; Standing: Will Carver & Harvey Logan, alias Kid Curry; Fort Worth, Texas, 1900. From the studio of John Schwartz.
Target 2. Maxwell’s Experiment in Colors
Target 3. Aspect Ratios

- 16:9
- 3:2
- 4:3
Target 4. Aspect Ratio Cutouts

4:3 Display

16:9 Display

16:9 Small Photo

16:9 Large Photo

3:2 Small Photo

3:2 Large Photo

11. 8.5 printing paper

3:2 Enlarged for maximum height

3:2 Enlarged for maximum width
Target 5. Ten Step Grayscale
Target 6. Color Histogram
Target 7. Tonal Range—Narrow
Target 8. Tonal Range—Wide
Target 9. White Card
Target 10. Gray Card
Target 12. Stamp Against Black
Target 13. Black and White
Target 14. Bulls eye Grayscale
Target 15. Picture with Grayscale
Target 16. Picture with Grayscale

< CONTENTS

Target 16. Picture with Grayscale
Target 17. Highlight Alert
Target 19. Zone System Zones
## Target 20. Zone System Scale

<table>
<thead>
<tr>
<th>Target</th>
<th>Zone System Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>-4</td>
</tr>
<tr>
<td>II</td>
<td>-3</td>
</tr>
<tr>
<td>III</td>
<td>-2</td>
</tr>
<tr>
<td>IV</td>
<td>-1</td>
</tr>
<tr>
<td>V</td>
<td>0</td>
</tr>
<tr>
<td>VI</td>
<td>+1</td>
</tr>
<tr>
<td>VII</td>
<td>+2</td>
</tr>
<tr>
<td>VIII</td>
<td>+3</td>
</tr>
<tr>
<td>IX</td>
<td>+4</td>
</tr>
</tbody>
</table>
Target 21. Faces of All Kinds

Photographs illustrating emotions of grief from Charles Darwin's work "The Expressions of the Emotions in Man and Animals," published by J. Murray, London, 1872. Image courtesy of the Beinecke Rare Book & Manuscript Library, Yale University. These images are likely the work of Oscar Gustave Rejlander.
### Target 22. Depth of Field Scales

<table>
<thead>
<tr>
<th>m</th>
<th>ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>2.8</td>
<td>2.8</td>
</tr>
</tbody>
</table>

- 5
- 7
- 10
- \(\infty\)
Click a link below to see a bouncing ball at slow, medium and fast speeds:

- **Slow**: [www.photocourse.com/itext/tracking/tracking1.gif](http://www.photocourse.com/itext/tracking/tracking1.gif)
- **Medium**: [www.photocourse.com/itext/tracking/tracking2.gif](http://www.photocourse.com/itext/tracking/tracking2.gif)
Target 25. Black and White with Stamp
Target 26. Viewing Cutouts

4:3 aspect ratio in red  3:2 Aspect Ratio in Blue
Target 27. Red-eye
Target 28. Lens Angle of View