This pathfinder will be useful in finding information about digital photography, including, but not limited to, techniques, cameras, photo-taking tips, printing and sharing pictures, and beginner’s instruction.

**Key Resources at a Glance:**

- [Digital Photography Review](http://www.dpreview.com) website: [www.dpreview.com](http://www.dpreview.com)
- *How to Photograph Absolutely Everything by Tom Ang*, 2010. This comprehensive, step-by-step guide to photographing a wide range of subjects includes hundreds of images, each of which is accompanied by detailed instructions. (775 ANG)
- *Digital Photography: All-In-One for Dummies, 4th Edition by David D. Busch*, 2009. This fourth edition beginner’s guide helps you choose the right camera, compose and capture photos, load them onto your computer, and share them online or as prints. (778.3 BUS)

**Resources**

**Books**

- *Pro Secrets to Dramatic Digital Photos by Jim Zuckerman*, 2011. (775 ZUC)
- *Digital Photography from the Ground up: A Comprehensive Course by Juergen Gubins*, 2008. (775 GUL)
- Digital SLR from Click to Print: The Go-To Guide for Tips, Techniques, and Photographers’ Tricks by Will Cheung, 2008. (775 CHE)
- Kodak Guide to Digital Photography by Rob Sheppard, 2008. (775 SHE)
- Travel Photography: Documenting the World’s People and Places by Bob Krist, 2008. (778.9 KRI)

Journals
- Digital PhotoPro
- Popular Photography & Imaging

Magazine Article
- “Digital Cameras.” Consumer Reports, August 2010. (MG CONSUMER REPORTS)

Web Pages
- Kodak www.kodak.com
- Megapixel Web Magazine www.megapixel.net
- Digital Photography.org www.digital-photography.org

** You can evaluate other resources using criteria at: http://www.THEpathfinderproject.org/evaluate.html **

This pathfinder has been provided to you by Urbandale Public Library (http://www.urbandalelibrary.org) and THE Pathfinder Project
Production funded in part by Library Services and Technology Act funds administered by the State Library of Iowa.

THE Pathfinder Project ~ http://www.THEpathfinderproject.org
What's inside a digital camera? Here's a cutaway view of the Canon Digital Rebel 1000D. Here's a more instructive diagram, showing the main optical paths. I'll show the parts of a camera (every screw) during one of the lectures. Most photography books talk about depth of field and depth of focus, but few of them give a formula for it. Here it is. $N$ is the F-number, $f$ is focal length, $C$ is pixel size, and $U$ is distance to the scene.