



Pathfinder Honour: Requirements & Framework

Photography (Digital) 1

Part of Arts, Crafts & Hobbies Category of Honours

Honour Patch



Part of Artisan
Master Honour



Snapshot of Honour

Digital photography has certainly revolutionised the art of photography.

This honour has a number of technical topics which explain how digital cameras work; image sensors, pixels, image resolution, image size, image compression, image formats, etc.

You'll understand the basic techniques of taking outstanding photos and use techniques such as steadiness, framing, light direction, angle and exposure to name some.

You'll use this knowledge to take pictures, edit them and select some to make a Power Point presentation. What wonderful memories - all created by yourself!

Honour History:

Original Honour: 2006, Author not known.

General Conference: Reviewed Not applicable, North America Division Honour

South Pacific Division : Reviewed March 2011

- Clair & Chad Walker, John Sommerfeld, South Queensland Conference

Photography (Digital) 1 Honour

Honour Framework: [Compulsory items are underlined. Others are for guidance]

#Skill Level:	Level 2
<u>Pre-requisites:</u>	Nil
Preparation Time:	Average (4-8 hrs)
Physical Requirements:	Minimal
Equipment/Materials Required:	Digital camera, computer, appropriate software.
Location:	Indoors; Outdoors; Excursion
Sabbath Appropriate:	Not likely
<u>Safety & Legal Requirements:</u>	Refer to and comply with Local, State and Country Requirements. All duty of care must be complied with.
Links to P/F Curriculum: (Cards, Speciality, Pursuits), or AO Modules	
Suggested Teaching / Presentation method(s):	Presentation and Discussion; Excursion; Practical application;
Recommended Assessment:	Workbook & Assessment Sheet which has a checklist of practical requirements and a short test to check knowledge of the honour.
List of Resources:	See Trainer's Notes

#Skill Level. A General Conference term which broadly describes typical physical and mental development. Level 1 (Friends, Companions); Level 2 (Explorers, Rangers); Level 3 (Voyagers, Guides)

Honour Components:

Requirements:	See following page
Trainer's Notes:	Photography (Digital) 1 Honour Trainer's Notes
Student's Workbook:	Photography (Digital) 1 Honour Workbook <i>Recommended: Download an electronic copy and insert digital photos into workbook.</i>
Assessment Sheet:	Photography (Digital) 1 Honour Assessment <i>(On SPD Honour Website but Leader's level access is required)</i>

Photography (Digital) 1 Honour

Requirements

Source: General Conference of SDA, 3 June 2011.

<http://gcyouthministries.org/Ministries/Pathfinders/Honors/tabid/85/agentType/View/PropertyID/131/Default.aspx>

Note: *Any Additional South Pacific Division (SPD) Requirements are in italics*

~~Strikethroughs~~ show parts not required by SPD.

1. Explain the following:
 - a. The principles of digital camera construction and how a digital camera works.
 - b. The effect of light on an image sensor.
 - c. How colour images are created from the BW image the sensor captures.
 - d. What the camera lens does; what focal length means.
2. How are lens aperture and depth of field related?
3. Describe pixels, image resolution, and image size.
4. What are the two types of image compression?
5. Name and describe three types of image formats.
6. Give the principle uses of photography.
7. Take pictures illustrating at least eight of the following techniques. Use comparison pictures for illustration:
 - a. Framing
 - b. Camera steadiness
 - c. Direction of lighting - front, side, or backlighting
 - d. Quality of light - shade, sunlight, and time of day
 - e. Rule of thirds
 - f. Angle - eye level, high, and low level
 - g. Level horizon
 - h. Distance from subject - fill the frame
 - i. Use of leading lines
 - j. Correct exposure - underexposed, overexposed, and correctly exposed
 - k. Use of flash - proper distance and reflective objects
8. Learn how to place photos in PowerPoint (*or similar software*) and create a ~~PowerPoint~~ presentation showing the pictures you took using the above techniques.
9. Using a photo editing program on a computer, show ability to crop, colour correct, sharpen, and adjust brightness/contrast to photos.
10. Complete at least three creative photographic projects in a photo editing program; such as a CD cover, a photo scrapbook page, a collage, etc.
11. Have a basic understanding of file organization techniques.

General Conference Reference No: Not applicable, North America Division Honour

South Pacific Division of SDA

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Compiled: Mar 11, Claire & Chad Walker. S Qld Conf. Updated: 5 Dec 11, John Sommerfeld, S Qld Conf.

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