



Pathfinder Honour: Requirements & Framework

Insects 1

Part of Nature Category of Honours

Honour Patch



Part of Naturalist
Master Honour



Also Part of Zoology
Master Honour



Snapshot of Honour

This honour is a fascinating introduction to insects.

You'll learn the distinguishing characters of a typical insect and wonder at the diversity of the insect world. You'll understand how insects are classified into the various orders.

There's insect species such as wasps, bees, ants, cicadas, aphids, stick insects, cockroaches, termites, lice, beetles, fleas, mosquitoes, beetles and butterflies to name some.

Then there's the 'good' insects and the 'bad' insects. You'll have a chance to find and identify at least 20 species yourself. As they say, "Get the bug!" Enjoy.

Honour History:

Original Honour: 1933 Author not known

General Conference: Reviewed 2001

South Pacific Division : Reviewed Aug 2010

- Les Barker, John Sommerfeld, South Queensland Conference

Insects 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:	
Location:	Indoors; Outdoors; Excursion etc
Sabbath Appropriate:	Can be adapted
<u>Safety & Legal Requirements:</u>	Refer to Local/State 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; 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:	Insects 1 Honour Trainer's Notes Insects_Fascinating Facts (<i>Additional information</i>)
Student's Workbook:	Insects 1 Honour Workbook
Assessment Sheet:	Insects 1 Honour Assessment (<i>On SPD Honour Website but Leader's level access is required</i>)

Insects 1 Honour

Requirements

Source: General Conference of SDA, 25 July 2010

<http://gcyouthministries.org/Ministries/Pathfinders/Honors/tabid/85/agentType/View/PropertyID/67/Default.aspx>

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

~~Strikethroughs~~ show parts not applicable to the SPD.

1. What are the distinguishing characteristics of an insect?
2. *How are insects classified? List five orders of insects, giving a brief description of a species in each order. This may be done in conjunction with Requirement 6.*
3. Name five species of useful insects.
4. Name five species of injurious insects. Tell how they might be controlled or their damage minimised. What is the world's most deadly creature and why is it so dangerous?
5. Tell two Bible stories in which insects played an important role.
6. ~~Mount or photograph a collection of 20 species of insects representing at least six different orders. (No moths or butterflies and no carelessly mounted or broken specimens will be acceptable.)~~
 - a. ~~Place under each specimen a label showing the collector's name, date caught, locality where caught. Labels should not be larger than 1/4 x 3/4 inch. (6 mm x 20 mm).~~
 - b. ~~Identify insects down to genus or species level on a second label to be mounted below the first, including source authority.~~
 - e. ~~Arrange all specimens neatly in an insect box according to orders and families. Order labels should be pinned to the box rather than attached to the individual insect pins. Common names are valueless.~~
6. *Do one of the following:*
 - a. *Mount a collection of 20 species of insects representing at least six different orders. (No moths or butterflies and no carelessly mounted or broken specimens will be acceptable.) Note: This is the least preferred option by the SPD*
 - i. *Place under each specimen a label showing the locality where caught, the date caught, and the collector's name. Labels should not be larger than 6 mm x 20 mm (1/4 x 3/4 inches).*
 - ii. *Identify insects with common names and scientific order on second labels to be mounted below the first.*
 - iii. *Arrange all specimens neatly in an insect box according to orders and families. Orders should be pinned to the box rather than attached to the individual insect pins.*
 - b. *Make colored drawings or paintings of 20 species of insects, representing at least six different orders. Drawings or paintings need to be life size or larger, to show the details of small insects, and in natural coloring. Label the drawings with common names and genus or species level names.*
 - c. *Take colour photographs of 20 species of insects, representing at least six different orders. All pictures should be in focus, close-ups and properly labelled, showing where photographed, the date photographed, common names and genus or species level names.*

General Conference Reference No: INSECTS (YOU5770)