



# Pathfinder Honour: Requirements & Framework

## Shells

Part of Nature Category of Honours

Honour Patch



Part of Naturalist  
Master Honour



Also, part of Zoology  
Master Honour



### Snapshot of Honour

Learn about the fascinating world of shells. What are molluscs and what body parts do they have? Do molluscs have teeth? What is the difference between a bivalve and a univalve? How do shells move from place to place?

Yes, it's all in the shells honour. You'll learn where shells live and, best of all, you'll need to visit the natural environment where shells live.

... and, Pearls - how are they formed? What about the 'Pearl of Great Price' in the Bible?

### Honour History:

Original Honour: 1938, Author not known

General Conference: Reviewed 2001

South Pacific Division : Reviewed May 2007

- Reviewed: Ian & Leanne Weir, South Queensland Conference

## Shells 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:	Camera, personal safety equipment (gloves, footwear as required)
Location:	Indoors; Outdoors; Excursion (museum, preferably to beach etc where shells live)
Sabbath Appropriate:	Can be adapted
<u>Safety &amp; 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; Practical application- it is important to go on excursions 'to where shells are found'
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:	Shells Honour Trainer's Notes Shells Honour Trainer's Notes PowerPoint Presentation Shells Honour Trainer's Notes NZ Shells
Student's Workbook:	Shells Honour Workbook
Assessment Sheet:	Shells Honour Assessment (On SPD Honour Website but Leader's level access is required)

## Shells Honour

# Requirements

Source: General Conference of SDA, 24 March 2007

<http://youth.gc.adventist.org/Docs/Nature/Shells%20Small.doc>

Notes:

- *Additional South Pacific Division Requirements are in italics.*
- ~~Strikethroughs~~ show parts not required by SPD
- *Because of environmental considerations, **collecting live specimens is discouraged**, especially in Australia and New Zealand. Collections comprised of pictures of specimens are preferred.*

1. What is the meaning of the term MOLLUSC ?
2. ~~Identify from shells or drawings the following.~~ *What parts of a mollusc are the following?*
  - a. Mantle
  - b. Ribs
  - c. Apex
  - d. Foot
  - e. Valve
  - f. Operculum
  - g. Teeth
  - h. Dorsal border
  - i. Canal
3. ~~Are all shells found on beaches? Where are they found? What areas of the world offer the largest variety of shells?~~
  - a) *Name five different habitats where living molluscs are found*
  - b) *List locations in the world where large numbers of shells are found.*
4. Describe the movement of shells from place to place.
5. How do shell animals protect themselves?
6. How are shells made and from what materials are they made?
7. List and explain five uses made of shells by man.
8. Explain the terms UNIVALVE and BIVALVE as applied to shells.
9. Name in common terms five different classes of shells, and have in your collection a shell for each class. *Pictures of shells are preferred to taking live specimens.*
10. Make a collection of 20 different shells and tell where each is found, when it came into your possession, and classify it. *Pictures of shells are preferred to taking live specimens.*
11.
  - a. What is the source of pearls? *Describe how a pearl is formed.*
  - b. What striking lesson does the pearl teach us? (Read *and discuss* Christ's Object Lessons, pages 115 - 118.)

## Shells Honour

12. Answer the following questions: (The following text may be of help in answering these questions. They are not in order)

**Bible Texts:** Lev. 11:9, 10; Acts 16:14; Isa. 50:2; Rev. 21:21; I Tim. 2:9; Gen. 1:20, 21; I Kings 4:33; Ps. 104:25; Matt. 7:6; 13:45, 46; Job 28:18.

- a. Water creatures were created the fifth day.
- b. The number of water creatures is innumerable.
- c. Water creatures perish out of water.
- d. Job considered coral of great value.
- e. Solomon was acquainted with marine life.
- f. Jesus twice used a shell product to teach a spiritual lesson.
- g. A businesswoman was engaged in selling the famous purple dyes secured from the shellfish Mediterranean Murex.
- h. Paul condemns the wearing of pearls.
- i. Shell creatures are unfit for food.
- j. The twelve gates of Holy City are twelve pearls.

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