



# Pathfinder Honour: Requirements & Framework

## Stars 1

Part of Nature Category of Honours

Honour Patch



Part of Naturalist Master Honour



### Snapshot of Honour

"The heavens declare the glory of God"

This statement from Scripture describes this honour nicely.

You'll learn about planets, stars and constellations; how to identify them in the night sky and see them with your own eyes.

There's much more; tides, zenith and nadir, aurora borealis to name some.

Gaze into the heavens on a clear night, wonder and ..... Most of all - enjoy.

### Honour History:

Original Honour: 1928, Author not known

General Conference: Reviewed 2001

South Pacific Division : Reviewed December 2008.

- Dr Bruce Hands, John Sommerfeld, South Queensland Conference.

## Stars 1 Honour

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

#Skill Level:	Level 1
<u>Pre-requisites:</u>	Nil
Preparation Time:	Average (4-8 hrs)
Physical Requirements:	Minimal
Equipment/Materials Required:	Telescope or binoculars - useful but not essential.
Location:	Indoors; Outdoors; Excursion. Night time to view stars
Sabbath Appropriate:	Yes
<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;
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:	Stars 1 Honour Trainer's Notes Stars 1 Honour Trainer's Notes_Extra Info
Student's Workbook:	Stars 1 Honour Workbook
Assessment Method:	Stars 1 Honour Assessment

## Stars 1 Honour

# Requirements

Source: General Conference of SDA, 19 October 2009.

<http://gcyouthministries.org/Ministries/Pathfinders/Honors/tabid/85/agentType/View/PropertyID/100/Default.aspx>

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

1. Answer the following questions:
  - a. ~~What is the earth's nearest celestial neighbour.~~ *Name the closest star beyond the solar system.*
  - b. ~~What is its distance from the earth?~~ *Compare the distance from earth of this star with the distance of the moon to earth.*
  - c. What governs the tide?
  - d. What causes an eclipse?
  - e. What is a shooting star?
  - f. How fast does light travel?
2. Make a diagram showing relative positions and movements of the earth, sun, and moon. Show positions and movements for eclipses of the sun and moon.
3. Make a diagram of our solar system and be able to name the planets in order from the sun.
4. What is the difference between planets and fixed stars? Identify in the sky eight fixed stars.
5. What is a constellation? Name and point out six. Name two constellations visible throughout the year.
6. For the Northern Hemisphere: draw a chart of the Big Dipper, Cassiopeia, and the North Star. For the Southern Hemisphere: draw a chart of the Southern Cross, Orion and Scorpio.
7. What is the Milky Way? Observe the Milky Way in the night sky.
8. What is the morning and evening star? Why does it carry both names?
9. Explain zenith and nadir.
10. What is the ~~aurora borealis~~ *Aurora Australis*? What causes it?

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General Conference Reference No: STARS (YOU6410)