



Pathfinder Honour: Workbook

Stars 1



Name:

Club:

Date Started:

Date Completed:

Instructor Name:

Signature:

Club Director's Name:

Signature:

Please Award Patch:

Date:

To be signed by Authorised Person (ie District Director for Pathfinders) after satisfactory completion. Leaders, please see the Assessment Sheet for a checklist of practical requirements and a short test to check knowledge of honour.

Date Patch Presented

Stars 1 Honour

Requirement 1 Answer the following:

a	Name the closest star beyond the solar system.		
b	Compare the distance from earth of this star with the distance of the moon to earth.	Closest star	Moon
c	What governs the tide?		
d	What causes an eclipse?		
e	What is a shooting star?		
f	How fast does light travel?		

Requirement 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.



Requirement 3 Make a diagram of our solar system and be able to name the planets in order from the sun.



Stars 1 Honour

Requirement 4 What is the difference between planets and fixed stars? Identify in the sky eight fixed stars.

The difference between planets and fixed stars?	
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Identify in the sky eight fixed stars.

1	
2	
3	
4	
5	
6	
7	
8	

Requirement 5 What is a constellation? Name and point out six. Name two constellations visible throughout the year.

What is a constellation?	
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Name and point out six constellations


1	
2	
3	
4	
5	
6	

Name two constellations visible throughout the year.

1	
2	

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Requirement 6 For the Southern Hemisphere: draw a chart of the Southern Cross, Orion and Scorpio.



Requirement 7 What is the Milky Way? Observe the Milky Way in the night sky.



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Requirement 8 What is the morning and evening star? Why does it carry both names?

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Requirement 9 Explain zenith and nadir.

Zenith	
Nadir	

Requirement 10 What is the Aurora Australis? What causes it?

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