



Pathfinder Honour: Requirements & Framework

Fishes 1

Part of Nature Category of Honours

Honour Patch



Part of Naturalist
Master Honour



Also Part of Zoology
Master Honour



Snapshot of Honour

You'll learn what defines a 'fish' and be able to identify the key body parts of a typical fish.

There are about 32000 different species of fishes and you'll get an understanding of fascinating groups such as Jawless fishes, Cartilaginous fishes and Bony fishes. Then there's the biggest fish; (12.95 metres long) and the smallest fish (7.9 millimetres long). There's creatures that are fishes (ie the Seahorse), but don't look like fishes. There's more!

You'll examine the Scriptures to reflect on what they say about fish stories.

Then there's the hands-on part - putting your new knowledge in action. Go for it!

Honour History:

Original Honour: 1945, Author not known.

General Conference: Reviewed 2001

South Pacific Division: Reviewed May 2011.

- John Sommerfeld, Les Barker, South Queensland Conference
- Mark Young, Northern Australia Conference

Fishes 1 Honour: Requirements & Framework

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:	Medium
Equipment/Materials Required:	Fishing or snorkling equipment. Water safety equipment PFD, sunscreen, hat, drinking water.
Location:	Indoors; Outdoors; Excursion etc
Sabbath Appropriate:	Can be adapted
<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	The ‘ <i>Underwater World</i> ’ Pursuit of the South Pacific Division’s ‘ <i>Way to Go Program</i> ’. This can be used as an outdoor component.
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:	Fishes 1 Honour Trainer’s Notes Fishes_Fascinating Facts (for additional information only)
Student’s Workbook:	Fishes 1 Honour Workbook
Assessment Sheet:	Fishes 1 Honour Assessment (On SPD Honour Website but Leader’s level access is required)

Fishes 1 Honour: Requirements & Framework

Requirements

Source: General Conference of SDA, 15 January 2011.

<http://gcyouthministries.org/Ministries/Pathfinders/Honors/tabid/85/agentType/View/PropertyID/58/Default.aspx>

Note: The requirements for this honour were reviewed by the South Pacific Division and now vary substantially from those listed at the above General Conference website

1. Give five characteristics which define fishes.
2. Identify the following parts of a typical fish:
 - a. Dorsal fin
 - b. Pectoral fin
 - c. Pelvic fin
 - d. Anal fin
 - e. Caudal fin
 - f. Lateral line
 - g. Operculum
 - h. Barbels
 - i. Swim bladder
 - j. Gills
3. Briefly describe the following groups of fish. Name a fish which belongs to that group:
 - a. Jawless Fish (They do not have a jaw)
 - b. Cartilaginous fish (They have cartilage skeleton instead of bones).
 - c. Bony fish (They have a bone skeleton). Hint: Check out the Ray Finned Fish.
4.
 - a. Name and describe the smallest and largest fishes in the world. Discuss their sizes, habitats, how they feed and what they eat.
 - b. Name two creatures that are called fish but are not fish.
 - c. Briefly describe two creatures which do not look like a typical fish but are classed as a fish.
5. Describe how fish numbers are being depleted in some parts of the world and what can be done to preserve this part of God's creation.
6.
 - a. Give the day of the week when fishes were created.
 - b. Tell or act out a story about fishes from the Scriptures. Give the reference where found.
7. Do one of the following. Compile a brief report (approx 250 words)
 - a. Observe fish in their natural environment.
 - b. Visit a place where fish are displayed. (Aquariums, Museums etc).

Note: Participants are encouraged to do both (a) and (b). Only one report is required.
8. Name five ways by which fish impact on the lives of people. Some of these must relate to people of your country or where you live.
9. Identify and briefly describe ten fishes found in your country. For each include its habitat, what it eats and its breeding habits.

General Conference Reference No: YOU5570 Fishes