



Pathfinder Honour: Requirements & Framework

Sand

Part of Nature Category of Honours

Honour Patch



Part of Conservation
Master Honour



Snapshot of Honour

Sand! What is sand? There's glacial sand, calcareous sand, quicksand, glass sand, moulding sand, polishing sand, building sand, filter sand, furnace sand and more.

You'll learn what sand is and where it comes from. You'll know the difference between sand and soil. You will be familiar with references to sand in the Scriptures.

You'll see sand under magnification to help you understand terms such as shape, surface, grain size, and grain fracture.

Best of all, is the fun in making your own collection of sands.

Honour History:

Original Honour: 1956, Author not known.

General Conference: Reviewed : 2001

South Pacific Division: Reviewed: June 2009.

- Reviewed: John Sommerfeld & Glenn Bernoth, South Queensland Conference

Sand 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:	Containers to collect in. Containers to display sand collection. Magnifying equipment. Clear glass bottle with secure lid.
Location:	Indoors; Outdoors; Excursion
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	
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:	Sand Honour Trainer's Notes
Student's Workbook:	Sand Honour Workbook
Assessment Sheet:	Sand Honour Assessment (On SPD Honour Website but Leader's level access is required)

Sand Honour

Requirements

Source: General Conference of SDA, 8 May 2009.

<http://gcyouthministries.org/Ministries/Pathfinders/Honors/tabid/85/agentType/View/PropertyID/91/Default.aspx>

Note: Any Additional South Pacific Division (SPD) Requirements are in italics
~~Strikethroughs~~ show parts not applicable to the SPD.

1. What does the term “sand” mean? Name two kinds of sand.
2. Give the origin of *naturally occurring* sand and mineral content.
3. What is the difference between sand and soil?
4. What is meant by shape, surface, grain size, and grain fracture?
5. Define the following and ~~give~~ *discuss the* use of each:
 - a. Glacial sand
 - b. Calcareous sand
 - c. Quicksand
 - d. Glass sand
 - e. Moulding sand
 - f. Polishing sand
 - g. Building sand
 - h. Filter sand
 - i. Furnace sand
 - j. ~~Lake shore~~ *Mineral sand*
6. Memorize *and discuss* Genesis 22:17 Proverbs 27:3 and Psalm 139:17, 18.
7. Make a collection of ~~30~~ *20* various coloured *and / or textured* sands and name of locality where secured. (Note: Have a package of sandwich bags, a pencil, and a small spoon or scoop to gather the sand. Mount in small bottles).
8. Examine five types of sand specimens under magnification and observe the various characteristics.
9. *Create a work-of-art in a clear bottle using different colours of sand.*

General Conference Reference No: YOU6270 Sand