



# Pathfinder Honour: Workbook

## Sand



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

# Sand Honour

**Requirement 1: What does the term “sand” mean? Name two kinds of sand.**

Definition of Sand:	
Sand type ‘a’	
Sand type ‘b’	

**Requirement 2: Give the origin of naturally occurring sand and mineral content.**

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**Requirement 3: What is the difference between sand and soil?**

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**Requirement 4: What is meant by shape, surface, grain size, and grain fracture?**

Shape:	
Surface:	
Grain size:	
Grain fracture:	

**Requirement 5: Define the following and discuss the use of each:**

## Sand Honour

	<u>Sand type</u>	<u>Brief Description</u>	<u>Uses</u>
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.	Mineral sand:		

**Requirement 6: Memorize and discuss Genesis 22:17 Proverbs 27:3 and Psalm 139:17, 18**

Please write out the texts below.

Genesis 22:17	
Proverbs 27:3	
Psalm 139:17, 18	

# Sand Honour

**Requirement 7: Make a collection of 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).**

The table below is provided to assist you with your collection.

	<u>Date</u>	<u>Brief Description of Specimen</u>	<u>Where / How Secured.</u> <u>Comments etc</u>
1			
2			
3			
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20			

# Sand Honour

**Requirement 8: Examine five types of sand specimens under magnification and observe the various characteristics.**

<u>Specimen Type</u>	<u>Observations.</u>
a.	
b.	
c.	
d.	
e.	

**Requirement 9: Create a work-of-art in a clear bottle using different colours of sand.**

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