



# Pathfinder Honour: Workbook

## Rocks and Minerals



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

# Rocks and Minerals Honour

**Requirement 1 Distinguish between rocks and minerals.**

Rocks	
Minerals	

**Requirement 2 Have a collection of at least fifteen specimens correctly named. Label each specimen with collector's name, date, and locality in which it was found.**

**Note: Three (3) high-quality photos with accompanying explanatory notes may be used in lieu of each physical specimen. (ie 45 photos for 15 physical systems)**

**Requirement 3 Define and name two examples each (from specimens or pictures) of igneous, sedimentary, metamorphic.**

Igneous				
	Ex 1.		Ex 2.	
Sedimentary				
	Ex 1.		Ex 2.	
Metamorphic				
	Ex 1.		Ex 2.	

# Rocks and Minerals Honour

**Requirement 4** What is meant by Mohs scale of hardness? Name the minerals in Mohs scale.

Description of Mohs scale of Hardness

<u>Minerals in Mohs scale.</u>	
1.	6.
2.	7.
3.	8.
4.	9.
5.	10.

**Requirement 5** Define the following:

a. Cleavage

b. Specific Gravity

c. Lustre

d. Colour

e. Streak

f. Texture

g. Crystal


# Rocks and Minerals Honour

**Requirement 6** Name four uses for rocks and four uses for minerals.

	<u>Uses</u>	<u>Name of Rock or Mineral</u>
Rocks	1.	
	2.	
	3.	
	4.	
Minerals	1.	
	2.	
	3.	
	4.	

**Requirement 7** Tell of four Bible incidents in which a rock was significant.

	<u>Bible Incident</u>	<u>Scriptural Reference</u>
1.		
2.		
3.		
4.		

# Rocks and Minerals Honour

## Requirement 8 What are the foundation stones of the New Jerusalem?

Scriptural Reference	
1.	7.
2.	8.
3.	9.
4.	10.
5.	11.
6.	12.

## Requirement 9 Discuss a rock or mineral that is significant in your area.