



Pathfinder Honour: Requirements & Framework

Rocks and Minerals

Part of Nature Category of Honours

Honour Patch



Part of Conservation Master Honour



Snapshot of Honour

What is the difference between a rock and a mineral? What do igneous, metamorphic and sedimentary mean? What are rocks and minerals used for? It's all in this honour!

You'll learn about Mohs scale of hardness. How hard your fingernails are compared to talc and diamonds. There's more - cleavage, specific gravity, lustre, colour, texture and crystals.

Look up Bible references for rocks and minerals, especially the foundations of the New Jerusalem in heaven. Of course, there's your own collection of rocks and minerals to admire.

Honour History:

Original Honour: 1937, Author not known

General Conference: Reviewed 2001

South Pacific Division : Reviewed July, 2007

- Reviewed: Glenn Bernoff, South Queensland Conference

Rocks and Minerals Honour

Honour Framework [Compulsory items are underlined. Others are for guidance]

#Skill Level:	Level 2
<u>Pre-requisites:</u>	Nil
Preparation Time:	Average (4-8 hrs);
Physical Requirements:	Minimal
Equipment/Materials Required:	Basic rock collecting equipment
Location:	Indoors, Excursions (Museums / displays, rock & minerals deposits)
Sabbath Appropriate:	Easily 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 Rocks and Minerals Honour Trainer's Notes

#Skill Level: General Conference term describing typical physical and/or mental development level needed to do an honour. Level 1 (Friends, Companions); Level 2 (Explorers, Rangers); Level 3 (Voyagers, Guides)

Honour Components:

Requirements:	See following page
Trainer's Notes:	Rocks and Minerals Honour Trainer's Notes
Student's Workbook:	Rocks and Minerals Honour Workbook
Assessment Method:	Rocks and Minerals Honour Assessment Sheet (On SPD Honour Website but Leader's level access is required)

Rocks and Minerals Honour Requirements

Source: General Conference of SDA, 1 June 2007

<http://youth.gc.adventist.org/Docs/Nature/Rocks%20&%20Minerals%20Small.doc>

Note: Additional South Pacific Division Requirements are in italics

~~Strikethroughs~~ show parts not required by SPD.

1. Distinguish between rocks and minerals.
2. Have a collection of at least fifteen *different* 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.*
3. Define and name two examples each (from specimens or pictures) of igneous, sedimentary, metamorphic.
4. What is meant by ~~Mobs'~~ *Mohs'* Mohs scale of hardness? Name the minerals in ~~Mobs'~~ *Mohs'* Mohs scale.
5. Define the following:
 - a. Cleavage
 - b. Specific gravity
 - c. Lustre
 - d. Colour
 - e. Streak
 - f. Texture
 - g. Crystal.
6. Name four uses for rocks and four uses for minerals.
7. Tell of four Bible incidents in which a rock was significant.
8. What are the foundation stones of the New Jerusalem?
9. *Discuss a rock or mineral that is significant in your area.*

General Conference Reference No: ROCKS AND MINERALS (YOU6240)