GEOLOGY

This is a sample Geology Activity Sheet only. Its main purpose is to show you some of the interesting activities that you can do when you choose this badge. Also, you can use this sample sheet to start doing the badge activities, while your teacher is sending away for the full activity sheet and badge.

If you have completed some of these activities before your full sheet arrives, your teacher can mark this sheet, then transfer the marks to the full activity sheet.

Sample Geology Activity Sheet

Rating		Geology Activities	Teacher's initials and date
3	*	Alfred Wegener first proposed the idea of drifting continents. Write a brief biography of Alfred Wegener. For an extra star draw a series of diagrams to show how one large landmass gradually became the continents seen today.	
4	*	Collect 5 different rocks and write a brief description of each stating colour, texture, where found and if possible classify them as igneous, sedimentary or metamorphic. For an extra star display in a box you have made.	
5	***	Explain what the Mohs scale of hardness is and how it is used. Design a hardness tester and use it to rank 5 different materials in order of hardness eg wood, glass, plastic etc.	
9	**	New Zealand is famous for its thermal areas around Rotorua. Design and illustrate a simple publicity brochure to tell tourists what kinds of things they will see such as geysers or boiling mud, and what causes them.	
15	**	Find out how coal, oil or gas are found in NZ. Include diagrams in your explanation. What makes the conditions in a coal mine dangerous? Draw a map of NZ showing areas where each of the above can be found. Include on your map where the Oil Refinery in NZ is located.	

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