

On 26 Oct 2013, the Division had organized a one-day trip for all year 1 AScES students to visit Lai Chi Woo, Tung Ping Chau. The trip was led by Dr Caroline Law, the instructor of AST11202, Foundation of Earth Systems and sponsored by the College's Local Co-curriculum Activity Fund.



During the trip, students observed the Tolo Channel

Geo-area, the oldest exposed rock in Hong Kong. This rock group is rare to be seen in Hong Kong. Some of them were sandstone, silt formed about 400 million years ago during the Devonian Period, later folded into deformity, creating faults. Students were attracted by the distinctive reddish sedimentary pyroclastic



rocks outcrop near the Wong Chuk Kok Tsui formation. Students also walked into the Lai Chi Woo Hakka village after one hour cruise, and learnt the cultural and ecological heritage found on the villages houses, architectural design and configuration of villages, Feng Shui woods, mangrove along the coastal area.

Tung Ping Chau, part of the Marine Park in Hong Kong, is a flat, small

crescent-shaped island formed by youngest rock in Hong Kong. The fascinating sedimentary rocks strata and wave erosion landscapes are the highlight of this trip, students studied the red sponge cake like shale and their possible formation environment, and then to the Kang Lau Shek (sea stacks by wave and wind erosion) and Cham Keng Chau (detached headland).



Our boat returned to Ma Liu Shui after sunset. Although it was a long day, students found the trip very rewarding.