

VISIT TO MA SHI CHAU SPECIAL AREA

The Division of Applied Science and Technology had organized visit to Ma Shi Chau Special Area on 6 October 2012.



Ma Shi Chau is the key site of Hong Kong's Permian Tolo Harbour Formation. Home to well-outcropped rocks, the island is an ideal location for studying strata, rock properties, sedimentation features and different geological compositions because here you can find faults and folds as well as deformed and displaced rock mass. The Ma Shi Chau nature trail traces the southeastern shore of Ma Shi Chau. The route features the ancient sedimentary rock formations and landforms of the island. The ancient rocks here were formed in the Permian Period about 280 to 250 million years ago, and later

sculpted into various unique compositions and terrains by earth movements. Along the trail there are interesting faults, folds, quartz veins, concretion, Lung Lok Shui, wave-cut platforms and riparian plants. (reference from AFCD website)

47 students from Associate of Science in Environmental Studies joined these activities. This visit was led by Judy KIU.



Students were excited when getting on the fast-speed boats to Ma Shi Chau. The weather was so sunny while the students were enjoying the trip. Staff of Tai Po GeoHeritage Centre gave us a detailed explanation about the landforms, conservation issues, wetland fauna and flora. Other students were amazed by the features there, and at the

same time, they had chances to see different kinds of mangrove plants and tiny animals like gastropods and crabs.



PHOTO FEATURES



Taking boat to Ma Shi Chau



Smile...☺



Students looking at the geographical features



Learning wetland plant - *Hibiscus tiliaceus*



Learning wetland plant - *Pandanus tectorius*



Tai Po GeoHeritage Centre