

# Meteorologist



Complete the following:

1. Obtain the Meteorologist Badge (Interest).
2. Understand the atmospheric structure and the importance of the troposphere.
3. Understand how to gauge various major weather elements.
4. Understand the formation mechanism and impact of various weather systems and weather phenomena.
5. Demonstrate how to read weather charts, radar images and satellite cloud images.
6. Explain the basic weather forecasting methods and attempt to make a short-term weather forecast.
7. Understand the purpose of setting up weather stations and the factors affecting the data obtained by the weather stations.
8. Complete any one of the following tasks:
  - (a) Design an experiment or a model, present it to other scouts and explain one of the weather systems or weather phenomena.
  - (b) Design and assemble a meteorological instrument to demonstrate the gauge of a weather element, and explain the underlying assumptions and constraints of the instrument.
  - (c) Discuss in depth of a meteorological field .
  - (d) Compare the weather element data collected from two automatic weather stations.



Completion of this Badge, including a total of six months or above in lecture or practicum, would be counted as an equivalent of relevant item under Skills Section of the Hong Kong Award for Young People Bronze Award.

Success in training the boy depends largely on the Scoutmaster's own personal example.  
一個成功的童軍訓練仰賴團長的以身作則。