

The Hong Kong Girl Guides Association
Interest Certificate Syllabus
Ranger Section

Information Technology

- I. Be familiar with the use of a computer operating system and related application (e.g. word processing, sending and receiving emails and attaching files, browsing webpages, installing software, etc.).
- II. Know how to use one or more online video conferencing tools or software (e.g. Zoom, Google Meets, etc.).
- III. Complete one of the following
 1. Programming
 - i. Know one computer programming language, and submit at least 5 self-written computer programmes / mobile applications
 - ii. Based on the question assigned by the Assessor, write a computer programme / mobile application with the chosen programming language during the assessment.
 - iii. Discuss with the Assessor the key points and methods of designing and testing programmes
 2. Website creation
 - i. Be familiar with the use of a website creation and image processing software, and submit at least 3 self-created websites with a total of no less than 30 pages
 - ii. Create a website using a website creation software and the information provided by the Assessor
 - iii. Demonstrate to the Assessor the making of animation
 - iv. Discuss with the Assessor the methods of searching for information online and issues about intellectual property
- IV. Discuss with the Assessor how to protect your personal computer and privacy
 1. Using email services
 2. Security rules of using services (e.g. Internet banking, online chat rooms, search engines, etc.)
 3. Security tools (e.g. electronic certificates and Secure Sockets Layer, etc.)
 4. Antivirus and backup software
 5. Preventing Internet fraud
- V. Understand an online tool or electronic / digital product that has been developed rapidly in the past 5 year, and introduce to the Assessor the impact of this tool or product on people's living nowadays

Hong Kong Award for Young People

- Holders of this certificate are qualified for the Skills Section at the Bronze/ Progressive Silver/ Direct Silver (Minors) Level of the HKAYP.
(Continuous participation in the activity for a minimum of 6 months)
- Candidates who have completed the Skills Section at the Bronze/ Progressive Silver Level of the HKAYP in the corresponding item are qualified for this certificate.