



## 2019 Science Assessment Test (Secondary 2 and 3)

### **Purpose:**

The purpose of the test is to assess the science process skills of students at Secondary 2 and 3 levels in Hong Kong and in nearby regions, and to provide feedback to schools on the strengths and weaknesses of students in the test for the improvement of science teaching and learning.

### **Assessment Objectives:**

The test aims at testing participants' science process skills, which include *observing, classifying, measuring, planning and designing, inferring and predicting, and communicating.*

<b>Target:</b>	<b>Secondary 2 and 3 students</b>
<b>Date:</b>	<b>27 April 2019 (Sat), AM</b>
<b>Venue:</b>	Kit Sam Lam Bing Yim Secondary School (Fu Mei St., Wang Tau Hom) 潔心林炳炎中學 (九龍橫頭磡富美街)
<b>Paper Language:</b>	Bilingual (中英對照)
<b>Enrollment Fee:</b>	<b>HK\$60 per student</b>
<b>Website:</b>	<a href="http://www.hkasme.org/">http://www.hkasme.org/</a> (PROJECTS 專題項目 > Science Assessment Test 科學評核測驗)
<b>Application Deadline:</b>	9 April 2019 (Tue)
<b>Release of Results:</b>	28 June 2019 (Fri)

### **Test Content:**

The test is based on the knowledge and skills acquired by S1 and S2 students as outlined in Science Curriculum Guide (S1-3) published by the Curriculum Development Council of the Education Bureau of the Hong Kong Special Administrative Region. However, participants are not required to recall facts and knowledge from the curriculum.

Some questions in the test are set on unfamiliar situations. For such questions, sufficient information will be provided to participants so that they should be able to know what the questions are expected of and can apply their skills in tackling the problems.

### **Test Specifications:**

(1) Test duration:	1 hour (~35 minutes for the multiple-choice questions; ~25 minutes for the short-response questions)
(2) Test paper:	24 multiple-choice questions; 2 short-response questions

### **Certificate and Brief Report for Student:**

- A **certificate** will be issued to the student indicating the award he/she has achieved. There will be five levels of award namely, *Diamond* (highest), *Gold*, *Silver*, *Bronze* and *Participation*. Participants who are able to demonstrate a fundamental mastery of the science process skills will be awarded a Bronze Award, while the best 5% will be awarded a Diamond Award. An expert panel of the HKASME will decide, based on the performance of the participants, the cut-off marks for the Gold and Silver Awards.
- A **brief report** will be given to the student indicating his/her answer, the correct key and the overall correct percentage for each M.C. question.

### **Question Paper and Report for Teacher Coordinator:**

- The teacher coordinator will receive the **question papers with the MC keys** and the **marks** for all his/her students.
- For school that presented **30 students** or more for the test, the teacher coordinator will receive a **school-based report** analyzing the strengths and weaknesses of his/her students.
- A **dissemination seminar** will be held on **28 June 2019 (Fri)** to share the findings and students' performance in the test. It is **restricted to** the teacher coordinators.

### **School-based Option:**

For school that has **30 students** or more enrolled in the test, the teacher coordinator can conduct the test in his/her own school between **29 April** and **10 May 2019**. The school should assign a person to collect the question papers and materials from our office before the test, and return all of them to us immediately after the test for our marking purpose.

### **Enrollment:**

Please complete the attached enrollment **EXCEL** file and return it by email to [project@hkasme.org](mailto:project@hkasme.org); and send a crossed cheque payable to "**HKASME LTD**" with the appropriate total amount (**HK\$60 per student**) by post to the address below.

Attn: Ms CHU Bik Ha  
Hong Kong Association for Science and Mathematics Education  
Rm 114, 1/F, Po On Court, 1 Po On Road, Shum Shui Po, Kowloon  
(Re: 2019 Science Assessment Test)

### **Enquiry:**

Please contact Ms CHU at 2333 7602 or email [project@hkasme.org](mailto:project@hkasme.org) for any enquiries.