Junior Secondary Science Online Self-learning Scheme 2027

Aims / Objectives

This is to invite secondary schools to nominate junior secondary students to participate in the captioned Scheme.

Details

2. The Education Bureau (EDB) continues to optimise science curricula by enriching the learning elements related to innovation and technology, and encourage teachers to adopt artificial intelligent (AI) assisted teaching and make active use of online platform and various digital educational tools to enhance the learning effectiveness in science subjects. This aims to provide students with diversified learning experiences, enhance their scientific literacy, and promote self-learning.

3. Since 2021/22 school year, the EDB has launched the "Junior Secondary Science Online Self-learning Scheme" (the Scheme), with the support from the Center for Education Innovation (CEI) of the Hong Kong University of Science and Technology. This year, we will update the online platform of the Scheme, continuing to offer learning tasks related to computer simulation and AI-assisted learning activities relevant to Junior Secondary Science curriculum contents. We are also introducing a "skill-based" challenging corner, for which students could pursue science knowledge proactively to nurture their interests in learning science and enhance their scientific literacy. We now invite schools to nominate their Secondary 1 to Secondary 3 students to join the Scheme.

4. The launching period of the Scheme is from **1 January 2027 to 30 April 2027**. To encourage students to participate in online self-learning, after they have completed the online learning activities, they will be awarded certificates based on their performance.

5. To enable schools to have a better understanding of how digital platform can enhance students' interest in learning science, the EDB will organise a professional development course for teachers. For details, please refer to the information below:

Enhancing Student Engagement in Science Learning through the Use of Digital Platform (New) (Course ID: ITED20270225)

Date: 19 November 2026 (Thursday)
Time: 3:00 – 5:00 pm
Venue: Lecture Theatre, 4/F, West Block, The Education Bureau Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong

6. Schools interested in joining the Scheme should submit the completed application

form **(Appendix 12a)** and student information sheet via email at JSSOSS@edbsc.hk **on or before 11 December 2026 (Friday)**. Each school needs to submit one application form only. For details of the Scheme, teachers may visit the following website: https://cd1.edb.hkedcity.net/cd/science/JSSOSS/2027_e.html

Contact Person

7. For enquiries of the Scheme, please contact Dr CHEUNG Shun-hoi, Andy of Science Education Section, EDB, on 3698 3437.

Appendix 12a

Junior Secondary Science Online Self-learning Scheme 2027

Application Form
(Deadline: 11 December 2026 (Friday))

To: Science Education Section, EDB
(Attn: Dr CHEUNG Shun-hoi, Andy)
(Fax No.: 2194 0670)

My school will nominate students to participate in the Scheme. The numbers of participating students are as follows:

S1 : _____ students
S2 : _____ students
S3 : _____ students

[Please scan the QR code on the right to download the student information sheet and submit the completed application form and student information sheet via email at JSSOSS@edbsc.hk on or before **11 December 2026 (Friday)**.]

School Name: _____

School Tel. No.: _____

Name of Teacher-in-charge: _____ Contact Tel. No.: _____

Email Address of Teacher-in-charge: _____

School Chop

Name of Principal: _____

Signature of Principal: _____

Date: _____