

5G Mobile Classroom

(A1STM002W)

Introduction

Do you know what is the fifth generation of mobile telecommunications (5G)?

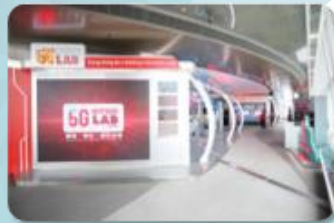
Your smartphones may already be able to support this technology!

In comparison with the technology of the previous generations, 5G promises higher data download and upload speeds, lower response time/latency, wider coverage and more stable connections.

The Advanced Learning Experiences Division is going to organise a series of “5G Mobile Classroom” experience events, including a visit to **SmarTone 5G LAB** at Sky100, the highest indoor observation deck in Hong Kong and multiple 5G technology application workshops at HKAGE.

Visit to SmarTone 5G LAB:

It consists of multiple exhibition zones spanning approximately 5,000 square feet. From smart homes, Artificial Intelligence (AI) recognition, industrial safety devices to ultra-smooth e-Learning, it showcases a profusion of 5G applications with photo-worthy hotspots and exciting 5G experiences.



Mobile Classroom Workshops:

5G STEM Car Workshop

Introduction to 5G, learn mechanical principles and vehicle parts of STEM car. Hands-on to change parts and tailor made a STEM car.



5G Virtual Reality Workshop

5G applications, use of VR headset and hands-on 3D dollhouse model editing workshop using professional-grade VR software.



5G Tele-driving Challenge

Multi-location car racing via SmarTone 5G network in mobile classroom.



Source: Sky100、SmarTone、Formula Square 及 Capricon Eucation。

Programme Type	Workshop (Non-Token-required)															
Instructor(s)	Representatives from SmarTone, Formula Square and Caprikon Education															
Target Participants	<ul style="list-style-type: none"> ➤ P6 to S6 HKAGE members ➤ Capacity: 50 <p><i>*First come, first served.</i></p>															
Medium of Instruction	Cantonese (supplemented with English, if necessary)															
Certificate	Participants who have attended both the 5G Lab Tour, the workshops at HKAGE and completed the student feedback form will be awarded with certificates by HKAGE and co-organizers.															
Intended Learning Outcomes	Upon completion of the programme, participants should be able to: <ol style="list-style-type: none"> a. describe at least two features of 5G; b. list at least two daily life applications of 5G; c. be inspired to further explore interest in science and technology. 															
Application Deadline	<p>July 16, 2021 (Friday, 12 noon)</p> <p><i>*Please return the confirmation slip before July 19, 2021 (Monday, 12 noon), otherwise you will not be able to participate in the event.</i></p>															
Schedule	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="background-color: #ffffcc;">Date: 22 Jul, 2021 (Thursday)</th> </tr> <tr> <th style="width: 15%;">Time</th> <th style="width: 60%;">Activity</th> <th style="width: 25%;">Venue</th> </tr> </thead> <tbody> <tr> <td>12:00 – 12:20</td> <td>Assembly, briefing and grouping arrangement</td> <td>Room 204, HKAGE</td> </tr> <tr> <td>13:00 – 14:00</td> <td>5G LAB Tour</td> <td>Sky100 (Round trip shuttle bus)</td> </tr> <tr> <td>14:30 – 17:00</td> <td> In groups, members rotate to attend workshops between mobile classroom and HKAGE classrooms. <ul style="list-style-type: none"> ➤ 5G STEM Car Workshop ➤ 5G Virtual Reality Workshop ➤ 5G Tele-driving Challenge </td> <td>Room 206 / Room 303 / Carpark, HKAGE</td> </tr> </tbody> </table> <p>If the Education Bureau announces that all whole-day schools classes will be cancelled due to inclement weather, the programme will be cancelled or rescheduled.</p> <p>The programme sessions may be cancelled or rescheduled and the delivery mode may change according to the development of coronavirus epidemic and EDB guidance.</p> <p>For updated arrangements of inclement weather and coronavirus epidemic, please pay close attention to email notification and announcement in HKAGE website.</p>	Date: 22 Jul, 2021 (Thursday)			Time	Activity	Venue	12:00 – 12:20	Assembly, briefing and grouping arrangement	Room 204, HKAGE	13:00 – 14:00	5G LAB Tour	Sky100 (Round trip shuttle bus)	14:30 – 17:00	In groups, members rotate to attend workshops between mobile classroom and HKAGE classrooms. <ul style="list-style-type: none"> ➤ 5G STEM Car Workshop ➤ 5G Virtual Reality Workshop ➤ 5G Tele-driving Challenge 	Room 206 / Room 303 / Carpark, HKAGE
Date: 22 Jul, 2021 (Thursday)																
Time	Activity	Venue														
12:00 – 12:20	Assembly, briefing and grouping arrangement	Room 204, HKAGE														
13:00 – 14:00	5G LAB Tour	Sky100 (Round trip shuttle bus)														
14:30 – 17:00	In groups, members rotate to attend workshops between mobile classroom and HKAGE classrooms. <ul style="list-style-type: none"> ➤ 5G STEM Car Workshop ➤ 5G Virtual Reality Workshop ➤ 5G Tele-driving Challenge 	Room 206 / Room 303 / Carpark, HKAGE														
Enquiries	For enquiries, please contact Ms KUNG at 3940 0101 (after language selection, press 6) or email to ale@hkage.org.hk .															

Advanced Learning Experiences 

進階學習體驗

