

Queen's College

Plan on School-based After-school Learning and Support Grant (2024-2025)

Name / Type of activity	Objectives of the activity	Success criteria	Method(s) of evaluation (e.g. questionnaire)	Period/Date activity to be held	Estimated expenditure (\$)
<p>1. Workshop on Designing 5G Applications using NB-IoT and MQTT Devices</p>	<p>For participants to design their own intelligent management solution with the use of NB-IoT and MQTT devices.</p> <p>Participants will attempt to use sound sensors, hall effect sensors, and light sensors to modify their own intelligent management solution.</p>	<p>➤ 80% of participants attend the workshop and 60% of them express that the workshop has increased their knowledge of the use of 5G applications.</p>	<p>Questionnaire</p>	<p>October- November 2024</p>	<p>\$8,000</p>
<p>2. 5G Steam Aerospace Workshop</p>	<p>For participants to design their own remote-control aircraft kit.</p> <p>Participants will learn about the fixed-wing aircraft structures and control components, the principles of flight, and build remote-controlled airplanes with fixed wings.</p>	<p>➤ 80% of participants attend the workshop and 60% of them express that the workshop has increased their knowledge of aircraft and the use of 5G applications.</p>	<p>Questionnaire</p>	<p>November - December 2024</p>	<p>\$20,000</p>

3.Aircraft Simulation Flight Experience Workshop in Hong Kong Science Park	Flight experience and pilot training	<ul style="list-style-type: none"> ➤ 80% of participants find the activity interesting and meaningful. ➤ 80% of participants engage in reflection about what they have learned from the visit. 	Questionnaire	March - April 2025	\$20,000
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Estimated Expenditure for the 2024-25 school year: 1+2+3: Approx. \$8,000+\$20,000+\$20,000 = \$48,000

Name of Teacher-in-charge of Use of School-based After-school Learning and Support Grant:

Ms POON Kuen-kuen

Date:28-5-2024