

親愛的校長及教師：



The banner features the Esri China HONG KONG logo, a 25th Anniversary logo with 'GEOSPATIAL INNOVATIONS' text, and the Hong Kong Education City (HKedCity) logo. The central text reads: 'Esri China (HK) 25th Anniversary STEAM Cup - Multi-Subjects ArcGIS StoryMaps Application Competition' and 'Esri 中國(香港) 25周年STEAM盃 - 多學科ArcGIS故事地圖應用比賽 2022-2023'. It includes images of children and a classroom setting, along with a stylized map graphic.

參與多學科ArcGIS故事地圖應用比賽 培養學生STEAM能力

學校藉著推動STEAM課程，能夠強化學生在科技、數理、藝術各學習領域及跨學科的知識，並裝備學生的廿一世紀能力，以迎接未來的挑戰。Esri 中國（香港）與香港教育城聯合舉辦「**Esri中國（香港）25周年STEAM盃——多學科ArcGIS故事地圖應用比賽2022-2023**」，旨在提高學生的批判思維、解決難題，創新與創造能力。教師可以鼓勵學生自選科目及題材參與比賽，透過學習工具ArcGIS Online的互動故事地圖（StoryMaps）敘述故事，結合數據、地圖以及多媒體的學習，讓學生在自己感興趣的學科上建立有效的媒介去傳遞知識及發現新知識。

比賽歡迎全港中小學參與，負責教師可填妥[網上表格](#)報名參加，主辦單位會為需要ArcGIS Online 戶口的學校提供免費的比賽專用戶口。立即參與比賽，以趣味及互動方式學習，並運用故事地圖闡述不同STEAM概念。

對象

全港小學及中學，共分為三個組別：

- 小學組 — 適合小四至小六
- 初中組 — 適合中一至中三
- 高中組 — 適合中四至中六

參加者需組隊參賽，其中每隊至少有一位指定聯絡人(老師、學生、家長均可)；每隊人數至少二人，上限六人；每位同學可組隊參加多於一個學科主題，惟不可於同一學科主題參加多於一隊。比賽亦歡迎聯校組隊參賽；每間學校的參賽數目則不設上限。**比賽日期及時間表**

簡介會

2022年12月1日
星期四
4:30 pm - 6:00 pm

詳述比賽內容及評分準則

[網上報名](#)

第一場工作坊

2022年12月10日
星期六
10:00 am – 1:15pm

老師及同學可按需要修讀：

10:00am – 11:00am

- 介紹ArcGIS StoryMaps、Map Viewer及ArcGIS Survey 123（適合小學、初中及高中組別師生）

11:00am – 12:00pm

- 開放數據與空間分析、互動地圖儀表板（適合初中及高中組師生）

12:00pm – 12:15pm

- 小息

12:15pm – 1:15pm

- 在ArcGIS Jupyter Notebooks使用Python編程（須具備基本Python知識。建議參與「數學與科技」以及「數學、資訊及通訊科技」比賽的初中及高中師生參加）

[網上報名](#)

第二場工作坊

<p>2023年1月4日 星期三 4:00 pm – 7:15 pm</p>	<p>老師及同學可按需要修讀： 4:00pm – 5:00pm</p> <ul style="list-style-type: none"> 介紹ArcGIS StoryMaps、Map Viewer及ArcGIS Survey 123（適合小學、初中及高中組別師生） <p>5:00pm – 6:00pm</p> <ul style="list-style-type: none"> 開放數據與空間分析、互動地圖儀表板（適合初中及高中組師生） <p>6:00pm – 6:15pm</p> <ul style="list-style-type: none"> 小息 <p>6:15pm – 7:15pm</p> <ul style="list-style-type: none"> 在ArcGIS Jupyter Notebooks使用Python編程（須具備基本Python知識。建議參與「數學與科技」以及「數學、資訊及通訊科技」比賽的初中及高中師生參加） 	<p>網上報名</p>
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<p>網上提交參賽作品</p>
<p>2023年2月13日（星期一）下午六時前</p>

<p>頒獎典禮</p>
<p>2023年4月4日</p>

比賽內容

比賽以學科為主題。參賽隊伍可按組別自選以下科目參加比賽。參賽題材可圍繞科目或單元內的知識範圍，並運用ArcGIS Online的故事地圖製作報告。參賽者須要提交一個故事地圖及兩分鐘內的短片簡介，匯報自訂的主題，實踐學科知識解決生活問題，並藉此提升蒐集及整理資料能力和創意。組別的指定學科主題如下：

- 小學組：中文科、英文科、常識科
- 初中組：中文科、英文科、數學及科技、中國歷史科、地理科、科學、生活與社會（範疇包括「個人與群性發展」、「資源與經濟活動」和「社會體系與公民精神」內的單元）、宗教
- 高中組：中文科、英文科、數學、資訊及通訊科技、中國歷史科、地理科、公民與社會發展科 / 通識教育科、科學（生物、化學或物理科）、宗教

獎項

每個組別將按各參賽學科選出冠軍、亞軍、季軍以及優異獎各一名，並會於所有參賽故事地圖中選出「最具人氣大獎」一名。除此以外，每個組別將另外選出最佳故事地圖應用獎、最佳匯報獎、最具創意獎，以及說好香港故事大獎。得獎學生校可獲現金獎、精美獎盃及比賽證書。

有關比賽詳情，請瀏覽[網頁](#)！

Esri 中國（香港）致力推動香港創新科技教育，自2015年起，與香港教育城推出「[Map in Learning](#)」計劃，並獲得教育局全力支持，為香港及澳門的師生免費提供雲端GIS製圖平台。計劃由 2015 年正式招募學校以來，已有超過 220 所學校參與其中。

如有查詢，歡迎致電3768 5955 或電郵至 event@esrichina.hk 。

Dear Principals and Teachers,



Participate in the Multi-Subjects ArcGIS StoryMaps Application Competition

Cultivating Students' STEAM Competence

To equip students with the 21st century skills in addressing future challenges, schools can strengthen STEAM education and foster students' cross-disciplinary learning ability in technology, science and mathematics, and art. Co-organising with EdCity, the '**Esri China (HK) 25th Anniversary STEAM Cup – Multi-Subjects ArcGIS StoryMaps Application Competition**' aims to sharpen students' critical thinking, problem-solving, creativity and innovation skills. Teachers can encourage students to select any subjects and topics to participate in the competition. With the learning tools ArcGIS Online and interactive StoryMaps, students learn to combine data, maps, and multimedia to create an effective medium for conveying new findings and knowledge on the subjects they are interested in.

All primary and secondary schools are welcome to join this territory-wide competition. Teachers can simply fill in [the online application form](#) to join the competition. The organiser will **offer free ArcGIS Online school accounts** for the event. By joining the competition, students will be able to illustrate different STEAM concepts with StoryMaps in a fun and interactive way.

Eligibility

On a territory-wide basis, all primary and secondary schools are welcome. All participants will be divided into three categories:

- Primary Division – suitable for P4 – P6
- Junior Secondary Division – suitable for S1 – S3
- Senior Secondary Division – suitable for S4 – S6

Only group entry is open. Students are advised to form a group of 2-6 persons with at least 1 contact person (can be either teacher, student or parent). Students are allowed to form teams to join in different

subjects, however, students shall not join more than one team in one single subject. Each school can form as many teams as they like.

Important Dates and Competition Timeline

Briefing Day		
Dec 1, 2022 Thursday 4:30 pm - 6:00 pm	Competition details and judging criteria	Click here for enrolment

Workshop 1		
Dec 10, 2022 Saturday 10:00 am – 1:15pm	<p><i>Teachers and students can join any session to meet your own needs:</i></p> <p>10:00am – 11:00am</p> <ul style="list-style-type: none"> • Introduction of ArcGIS StoryMaps, Map Viewer, and ArcGIS Survey 123 (suitable for primary, junior and senior secondary school teachers and students) <p>11:00am – 12:00pm</p> <ul style="list-style-type: none"> • Open data and spatial analysis, interactive map dashboard (suitable for junior and senior secondary school teachers and students) <p>12:00pm – 12:15pm</p> <ul style="list-style-type: none"> • Break <p>12:15pm – 1:15pm</p> <ul style="list-style-type: none"> • Application of Python in ArcGIS Jupyter Notebooks (Must have basic knowledge of Python. Candidates of Mathematics & Technology and Mathematics, Information and Communication Technology are advised to join this session) 	Click here for enrolment

Workshop 2

<p>Jan, 4 2023 Wednesday 4:00 pm – 7:15 pm</p>	<p><i>Teachers and students can join any session to meet your own needs:</i></p> <p>4:00pm – 5:00pm</p> <ul style="list-style-type: none"> • Introduction of ArcGIS StoryMaps, Map Viewer, and ArcGIS Survey 123 (suitable for primary, junior and senior secondary school teachers and students) <p>5:00pm – 6:00pm</p> <ul style="list-style-type: none"> • Open data and spatial analysis, interactive map dashboard (suitable for junior and senior secondary school teachers and students) <p>6:00pm – 6:15pm</p> <ul style="list-style-type: none"> • Break <p>6:15pm – 7:15pm</p> <ul style="list-style-type: none"> • Application of Python in ArcGIS Jupyter Notebooks (Must have basic knowledge of Python. Candidates of Mathematics & Technology and Mathematics, Information and Communication Technology are advised to join this session) 	<p>Click here for enrolment</p>
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<p>Project Submission Deadline</p>
<p>Feb 13, 2023 (Monday) before 6pm</p>

<p>Award Ceremony</p>
<p>April 4, 2023 (Tuesday)</p>

Content of the Competition

This is a subject-based competition. The participating teams can choose any subjects listed below to join the competition. Teams are required to use StoryMaps in ArcGIS Online to conduct a project based on the chosen subject’s learning elements and submit a StoryMap and a 2-minute introduction video to present the projects. Through the competition, students will enhance their creativity and the ability to collect and integrate different sources of information. Therefore, students can learn to solve real-world problems by applying the knowledge in a practical way. Teams in the designated categories are required to choose any subjects listed below:

Primary Division: Chinese, English, General Studies

Junior Secondary Division: Chinese, English, Mathematics & Technology, Chinese History, Geography, Science, Life and Society (covering the learning elements of Personal and Social Development, Resources and Economic Activities, and Social Systems and Citizenship), Ethics & Religious Studies

Senior Secondary Division: Chinese, English, Mathematics, Information and Communication Technology, Chinese History, Geography, Citizenship and Social Development, Liberal Studies, Science (Biology, Chemistry or Physics), Ethics & Religious Studies

Prizes

There will be a champion, 1st runner-up, 2nd runner-up, and Merit for each subject in each category. The Most Popular Entry Award will be chosen from all the submitted entries. Besides, in each category, there are a number of prizes to award the students, including the Best StoryMap Application Award, Best Storytelling Award, Most Innovative Award, and “Tell the Good Story of Hong Kong Award”. The Awardees will be awarded with cash prizes, trophies, and competition certificates.

For details of the competition, please [click here](#).

Esri China (Hong Kong) has been actively promoting innovation and technology in the Hong Kong education sector. The Map in Learning (MiL) Program, organised by Esri China (HK) and Hong Kong Education City (EdCity) with the support from the Education Bureau (EDB), aims to provide 'ArcGIS Online', a user-friendly, cloud-based mapping platform, to all primary and secondary schools in Hong Kong and Macau for free. More than 220 schools have joined the program since its launch in 2015.

For more information, please contact us on 3768 5955 or event@esrichina.hk.