



## **Launch of Elite Coder to certify coding competencies in Singapore**

**24 March 2023** – Singapore Science Centre Global, together with MangoSTEEMS and Flying Cape, today announced the launch of Elite Coder which will provide a standardised assessment to benchmark coding competencies among students in Singapore.

With the rise of AI and disruptive technology in recent years, many parents have identified coding as an indispensable skillset that children need in order to make sense of and shape the increasingly digital world we live in. There is a growing number of education providers offering coding training courses in Singapore and learning centres have seen an uptake of interest from parents seeking regular coding enrichment to prepare their children for the future.

As the Coding industry matures, learners are increasingly seeking for tangible outcomes and a standardised assessment process provides a useful checkpoint to get insights into proficiency levels and identify areas of knowledge gaps.

“From our experience running Coding Olympics for the past 2 years, we have seen an overwhelming response from participants interested in furthering their interest in Coding and understanding their level of competencies. While Coding Olympics, targeted at students at the beginner level, provides an opportunity for us to engage students at a competitive level, we recognise that there is a gap where students with higher-level competencies are seeking for a formalised process to track their learning progression.” – **Andrew Tan, General Manager of Singapore Science Centre Global.**

Elite Coder is a 3-level certification programme which provides an assessment of a student’s understanding of Computer Science fundamentals and key coding concepts. The assessment is designed to map student’s mastery of coding fundamentals at 3 different levels – basic, intermediate, and advanced. The assessment has been developed based on CSTA K–12 Computer Science Standards, an internationally recognised set of standards outlining the skills and knowledge students need to grow and thrive in the digital world. Upon completing each assessment level, students will receive a scorecard indicating their level of proficiency and a e-certification awarded by Singapore Science Centre Global.



“Being a leading global coding platform for students from grade K to 8 (ages 4 to 14+), CodeMonkey’s auto assessment offers an unbiased accreditation platform to let students assess their coding skills against global peers and international standards. A proper coding assessment framework also helps to shape the local training landscape in a positive direction. We are both honoured and excited to work with Singapore Science Centre Global and Flying Cape to roll out Elite Coder and play a part in improving the quality of STEM education in Singapore.” **Yau Chan, Director of MangoSTEEMS Singapore**

“In recent years, we have seen an increase in demand for coding lessons for children as young as 4 years old. With the series of changes in the Singapore Education system focused on developing learners more holistically, more students are able to realise their interest in coding earlier and more parents now see the importance of having a head start in developing computational thinking. However, as parents may not be familiar with coding, Elite Coder will provide a useful assessment for them to ensure their child embarks on a coding pathway aligned to global standards.” **Lydia Ang, Director of Flying Cape.**

Flying Cape works with a network of authorised training partners to provide preparatory courses to ensure that students are familiar with the content covered under Elite Coder assessment. Feedback from coding enrichment centres have generally supported the need for a standardized tool to measure coding abilities of students.

“Having a standardized assessment would enable students to showcase their coding abilities and help schools and future employers identify skilled candidates. Moreover, it would also provide a common platform for coding schools to assess their students’ progress and improve their curriculum accordingly. Just like in music we have ABRSM, it is time that Coding has a standardize assessment. Overall, this is a step in the right direction towards promoting technology education and preparing students for the future job market.”  
– **Adelene Fong, Managing Director of The Lab Singapore.**

For more information, please refer to <https://elitecoder.flyingcape.com.sg/>

For further information, please contact [enquiry@sscglobal.com.sg](mailto:enquiry@sscglobal.com.sg)



## **About Singapore Science Centre Global**

<https://www.sscglobal.com.sg/>

Established in 1997, Singapore Science Centre Global is a wholly owned subsidiary of Science Centre Board and owns the attraction Snow City through Snow Venture Pte Ltd.

It develops a wide array of science related products such as resource kits, STEM publications, provides professional development in science pedagogy training, consultancy services and license its products and contents widely.

### **Core Services:**

- Consultancy
- Curation of exhibitions and science programmes
- Professional Development for educators
- Science Resource Development
- Science Enrichment Programmes for students

### **Overseas Consultancy Projects:**

- Hong Kong Science Museum
- Maldives Interactive Science Centre
- Mind Museum (Manila)
- Weifang Science Centre (China)
- Jungleland (Indonesia)
- Timezone (Indonesia)

### **Curation of Science Programmes:**

- Robotic Competition
- Drone Odyssey Competition
- Make Space Events



### **About MangoSTEEMS**

<https://www.mangosteems.com>

With operation spanning over 20 countries, MangoSTEEMS, together with her parent company – iGroup Limited is among the leading academic content providers globally. Using its global presence, MangoSTEEMS aspires to bridge the best international STEM content, practices, and tools among countries for the benefits of our students. To attain this goal, we work closely with market leaders such as Singapore Science Centre Global, Flying Cape, and Koobits to explore suitable market opportunities. Other brands under management include Pokémon, Go Astro Boy Go!, Learning A-Z, CodeMonkey, monday.com, and more.

### **About Flying Cape**

<https://www.flyingcape.com.sg/>

Flying Cape is Singapore's largest online booking and advisory platform for enrichment classes and activities. The platform offers diagnostic tools, that help learners gain insights into their unique profiles and interest, and matches them with classes that best fits their needs. With close to 1000 education providers and an integrated ecosystem with major distribution channels, Flying Cape has successfully built an ecosystem to improve the efficiency of matching and enhance learning outcomes. Flying Cape currently has regional offices in China, Indonesia and India.