

STEAM 多元體驗 創科育才 Diversified InnoTech Experiences Creating Talents

創新設施 沉浸式體驗 Immersive Experience with Innovative Facilities

Diversified InnoTech Experiences

多元體驗

STEAM 創科育才

Creating Talents

中九龍幹線團隊為不同學校及機構舉辦 STEAM（即科學（Science）、科技（Technology）、工程（Engineering）、藝術（Arts）及數學（Mathematics））工作坊，讓學生透過與中九龍幹線工程相關的多元體驗學習活動，了解工程界的科技應用，並增加他們對建造工程的興趣，同時發展協作、創意及解決問題等多方面能力。

Central Kowloon Route (CKR) project team has organised STEAM (Science, Technology, Engineering, Arts and Mathematics) workshops for schools and organisations. Through diversified experiential learning activities related to the CKR project, students may learn about the application of engineering technologies, increase their interest in construction engineering, and develop collaboration, creativity and problem-solving skills.

寓教於樂 主題工作坊 Edutainment Theme Workshops

中九龍幹線 STEAM 工作坊設有不同主題，讓參加者透過講解、模型製作和工作紙等了解工程項目的設計及技術應用，增加學生研習創科的興趣。

The CKR STEAM workshops of various themes provide participants with knowledge of engineering design and technological application through presentations, DIY models and worksheets, enhancing students' interest in innovative technology.



參加者感想 Participants' Impressions

中九龍幹線 STEAM 活動正好配合多元化學習活動課堂，讓學生透過親手製作模型學習 STEAM 知識，豐富學生的學習經歷。

The CKR STEAM activities could complement the diversified learning activity classes being provided by the school. It allowed students to acquire STEAM knowledge through making DIY models to enrich their learning experiences.

佛教慈航學校 — 鄺志良助理校長及吳永樂總主任
Buddhist Chi King Primary School — Mr Kwong Chi Leung, Assistant Principal and Mr Fan Wing Yip, TechEd and e-Learning Coordinator

STEAM 工作坊參觀內容很豐富，我認識了香港未來的道路發展。

The STEAM Workshop was very fruitful and I learned about the future highways development of Hong Kong.

香港中華基督教青年會 - 佐敦會所 — 何同學
Chinese YMCA of Hong Kong (Jordan Centre) — Student Ho

詳情及報名
Details and Enrolment

四大主題 Four Themes

以中九龍幹線工程為特點，配合中小學生的課程設計工作坊。
The workshop themes integrate the features of the CKR project and the learning content of primary and secondary school students.

空氣淨化系統 Air Purification System

- 過濾原理 The principle of filtration
- 靜電原理 The principle of electrostatic

隧道建造工程 Tunnel Construction

- 地質現象 Geological feature
- 土壓力和水壓力 Earth and water pressure

挖掘及橫向支撐工程 Excavation and Lateral Support Works

- 土壤力學的基本原理 Basic principles of soil mechanics
- 作用力與反作用力 Action and reaction force

園景外觀設計 Landscape and Aesthetic Design

- 綠化設計 Greening design
- 可持續發展 Sustainable development

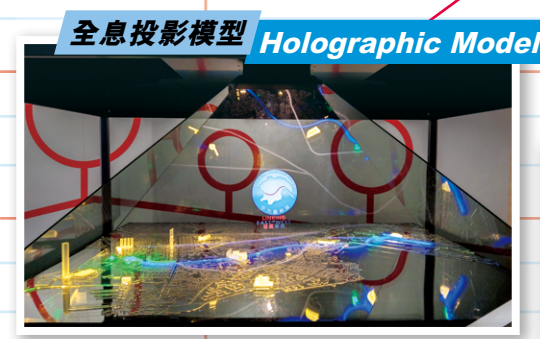
「中九龍幹線連繫你」繪畫比賽 Drawing Competition



中九龍幹線中段隧道工程於 2023 年 3 月舉辦「中九龍幹線連繫你」繪畫比賽，鼓勵學生發揮創意，得獎作品將會用作美化工地圍板。
CKR Central Tunnel contract organised a drawing competition in March 2023 to encourage students to unleash their creativity. Winning entries will be displayed on site hoardings for beautification.



展示中九龍幹線走線及沿線地標，輔以影片介紹周邊地區的昔與今
Displaying the CKR alignment and landmarks along the route, accompanied with videos introducing the past and present of the surrounding areas



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施工中的工程合約

On-going Contracts

連翔道連接橋的橋面建造工程
Construction of connection bridge deck at Lin Cheung Road

海泓道的圍景平台結構建造工程
Structural works of landscaped decks at Hoi Wang Road

連翔道隔音屏障建造工程
Construction of noise barriers at Lin Cheung Road

油麻地西工程

Yau Ma Tei West Contract

油麻地
Yau Ma Tei

油麻地東工程

Yau Ma Tei East Contract

何文田工地的鑽樁工程
Piling works at Ho Man Tin site

油麻地隧道工程
Tunnelling works at Yau Ma Tei

隧道襯砌建造工程
Construction of tunnel lining

中段隧道工程

Central Tunnel Contract

何文田
Ho Man Tin

明挖回填隧道工程
Construction of cut-and-cover tunnel

重置加士居道天橋工程
Reprovisioning of Gascoigne Road Flyover

加士居道天橋隔音屏障組裝工程
Installation of noise enclosure at Gascoigne Road Flyover

第二期海底隧道的挖掘及橫向支撐安裝工程
Excavation and lateral support works for Stage 2 Underwater Tunnel

道路鋪設工程
Road pavement works

馬頭角明挖回填隧道的挖掘及安裝橫向支撐工程
Excavation and lateral support works for Ma Tau Kok cut-and-cover tunnel

啟德西工程

Kai Tak West Contract

土瓜灣
To Kwa Wan

油麻地通風大樓結構工程
Structural works for Yau Ma Tei Ventilation Building

行政大樓結構工程
Structural works for Administration Building

安裝隧道隔熱層
Installation of tunnel thermal barrier

大樓及機電工程

Buildings, Electrical and Mechanical Works Contract

擋土牆建造工程
Construction of retaining wall

橫跨啟德河的橋面建造工程
Construction of vehicular bridge deck across Kai Tak River

地下行車道建造工程
Construction of underpass

啟德東工程

Kai Tak East Contract

九龍灣
Kowloon Bay

矚目活動 Event Highlights

中九龍幹線安全施工運動 2022 頒獎典禮
CKR Safety Campaign Awards 2022 Presentation Ceremony



與持份者同慶新春

Celebrate Chinese New Year with Stakeholders



如對工程有任何疑問及意見，可透過以下方法聯絡我們
Should you have any enquiries or comments on the project, please contact us via the following channels

路政署 - 中九龍幹線
Highways Department - Central Kowloon Route Project

電話 Telephone : 2762 3601
電郵 E-mail : enquiry@ckr-hyd.hk
網址 Website : www.ckr-hyd.hk

馬頭角社區聯絡中心
Ma Tau Kok Community Liaison Centre

電話 Telephone : 3793 3493
電郵 E-mail : pro@ckr-ktw.com
網址 Website : 土瓜灣朗月街 12 號 (偉恆昌新邨偉景閣 H 座對面)
12 Long Yuet Street, To Kwa Wan (Opposite to Wei Chien Court, Block H, Wyler Gardens)

24 小時熱線電話 24-hour Hotline
Highways Department - Central Kowloon Route Project

油麻地東工程 Yau Ma Tei East	9129 2027	啟德東工程 Kai Tak East	6391 7037	中段隧道工程 Central Tunnel	6313 0900
油麻地西工程 Yau Ma Tei West	5331 5330	啟德西工程 Kai Tak West	7100 3993	大樓及機電工程 Buildings, Electrical and Mechanical Works	6012 3590

中九龍幹線通訊一意見表
CKR Newsletter Suggestion Form