Power Your Skill - STEAM Up

Stay Online

REGISTER NOW !

April 22nd~June 1st, 2020

9:00-10:00 UTC / 17:00-18:00 TAIPEI TIME

STEAM Learning for COVID-19 Prevention and Control

Time to Change - Learning Keeps Going.....

Coronavirus is posing unprecedented challenges to schools around the world
How can we fight and learn from pandemic using STEAM education?
In this course you will get advice from experts about learning and understanding to apply your classroom.
Explore real practice and plenty of applications to cope with this outbreak
Upgrade your STEAM skills and computational thinking to apply into teaching.

Let's Stay Online and We Can Make it Through !

- **Course Name:** STEAM Learning for COVID-19 Prevention and Control
- **Date:** April 22nd ~ June 1st / 2020 , every Monday and Wednesday
- **Time:** 9:00-10:00 UTC / 17:00-18:00 Taipei Time
- **Language:** English
- **Model :** Online Learning

	DATE	TIME *9:00-10:00 UTC* *17:00-18:00 Taipei*	TOPICS	TITLE
LESSON 00	Wednesday **April 22nd, 2020**	17:00~18:00	**Course Orientation**	Global STEAM Program Launching Ceremony
LESSON 01	Monday **April 27th, 2020**	17:00~18:00	**Stay Home for Aesthetic Education**	Finding Inspiration from the Macro Virus World
LESSON 02	Wednesday **April 29th, 2020**	17:00~18:00		Bubble Ninja Gives You the Power to Fight the Virus
LESSON 03	Monday **May 4th, 2020**	17:00~18:00	**Keep Learning during Social Distance**	Cloud Based IoT Learning Part 1
LESSON 04	Wednesday **May 6th, 2020**	17:00~18:00		Cloud Based IoT Learning Part 2
LESSON 05	Monday **May 11th, 2020**	17:00~18:00	**Protect Yourself from Virus Disease**	3D Printing Your Protective Face Shield
LESSON 06	Wednesday **May 13th, 2020**	17:00~18:00		Non-Programmable Robotic Hand Sanitizer
LESSON 07	Monday **May 18th, 2020**	17:00~18:00	**Making Connections to The World**	DIY an Autonomous Vehicle to Deliver Food to You
LESSON 08	Wednesday **May 20th, 2020**	17:00~18:00		Keep Learning When You Are Quarantined at Home
LESSON 09	Monday **May 25th, 2020**	17:00~18:00	**Support Frontier by Creative Thinking**	SCRATCH Your Creativity !
LESSON 10	Wednesday **May 27th, 2020**	17:00~18:00		Motivational LED Display Board for COVID-19 Fighters !
LESSON 11	Monday **June 1st, 2020**	17:00~18:00	**Showcase & Evaluation**	Showcase What You Have Learned

We advise all participants to demonstrate the STEAM skills they have aquired by presenting a mini project at the end of the course. This course does not require any teaching or faculties expertise and is designed to introduce the skill of STEAM and computation thinking to anyone whether you have a teaching background or not.

Organized by

INDUSTRIAL DEVELOPMENT BUREAU, MINISTRY OF ECONOMIC AFFAIRS

財團法人資訊工業策進會
INSTITUTE FOR INFORMATION INDUSTRY

DIGITAL EDUCATION INSTITUTE

STEAM Learning for COVID-19 Prevention and Control

LESSON 1 - 2

STAY HOME for Aesthetic Education

9:00-10:00 UTC / 17:00-18:00 Taipei Time

April 27th Finding Inspiration from the Macro Virus World

April 29th Bubble Ninja Gives You the Power to Fight the Virus

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ONLINE

STEAM Learning for COVID-19 Prevention and Control

LESSON 3 - 4

KEEP LEARNING during Social Distance

9:00-10:00 UTC / 17:00-18:00 Taipei Time

May 4th Cloud Based IoT Learning Part 1

May 6th Cloud Based IoT Learning Part 2

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STEAM Learning for COVID-19 Prevention and Control

LESSON 5 - 6

PROTECT YOURSELF from Virus Disease

9:00-10:00 UTC / 17:00-18:00 Taipei Time

May 11th 3D Printing Your Protective Face Shield

May 13th Non-Programmable Robotic Hand Sanitizer

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STEAM Learning for COVID-19 Prevention and Control

LESSON 7 - 8

MAKING CONNECTIONS to The World

9:00-10:00 UTC / 17:00-18:00 Taipei Time

May 18th DIY an Autonomous Vehicle to Deliver Food to You

May 20th Keep Learning When You Are Quarantined at Home

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STEAM Learning for COVID-19 Prevention and Control

LESSON 9 - 10

SUPPORT FRONTIER

by Creative Thinking

9:00-10:00 UTC / 17:00-18:00 Taipei Time

May 25th SCRATCH Your Creativity!

May 27th Motivational LED Display Board for COVID-19 Fighters!

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