



Rotary Opens Opportunities

STEM – Education in the 21st Century

Presented by:

- Louis R. Ramdhanie



Le Rotary ouvre des opportunités

STIM – L'éducation au XXIe siècle

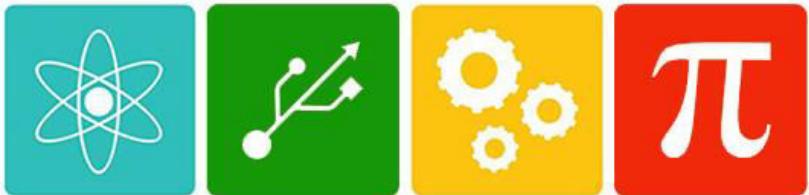
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What is STEM?

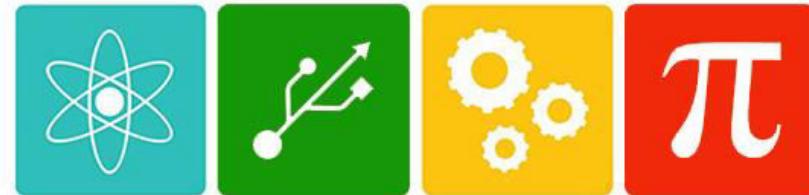
STEM



Science • Technology • Engineering • Math

Qu'est-ce que les STIM ?

STEM



Science • Technologie • Ingénierie • Mathématiques

What is STEM?

STEM is an approach to learning that integrates the areas of science, technology, engineering and mathematics in a manner that promotes problem solving and critical thinking.

Qu'est-ce que les STIM ?

Les STIM sont une approche de l'apprentissage qui intègre les domaines des sciences, de la technologie, de l'ingénierie et des mathématiques d'une manière qui favorise la résolution de problèmes et la pensée critique.

Getting Started

Animations

Control

Variables

Accessory



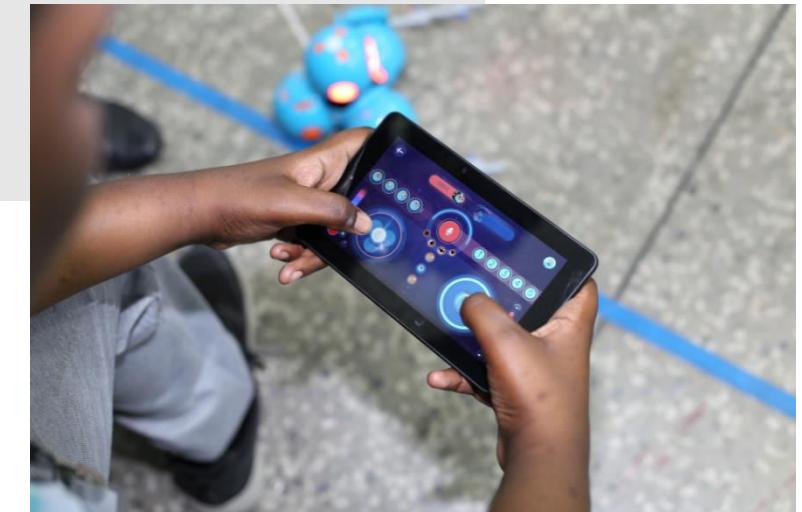
La Mise en route

Animations

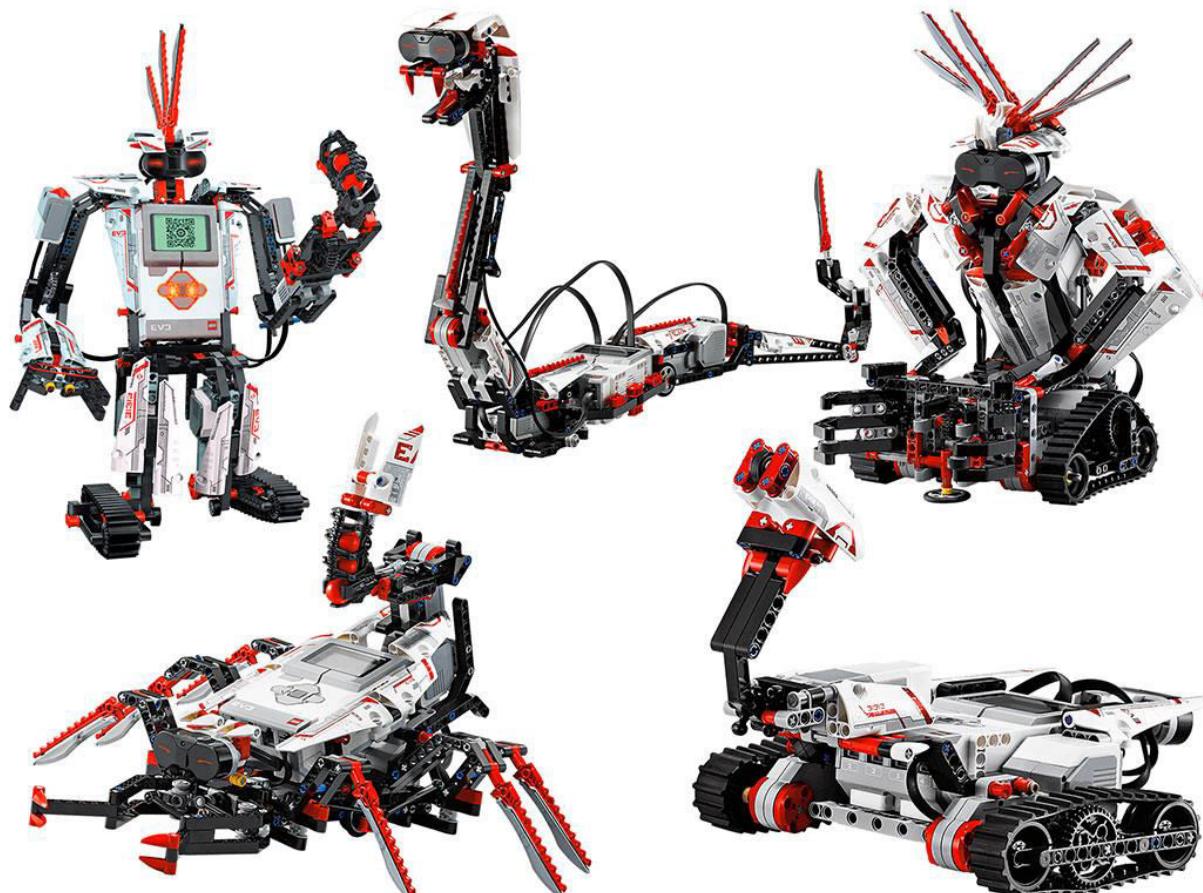
Contrôle

Variables

Accessoire



LEGO MINDSTORMS®



Robotic Arm

Bras robotisé



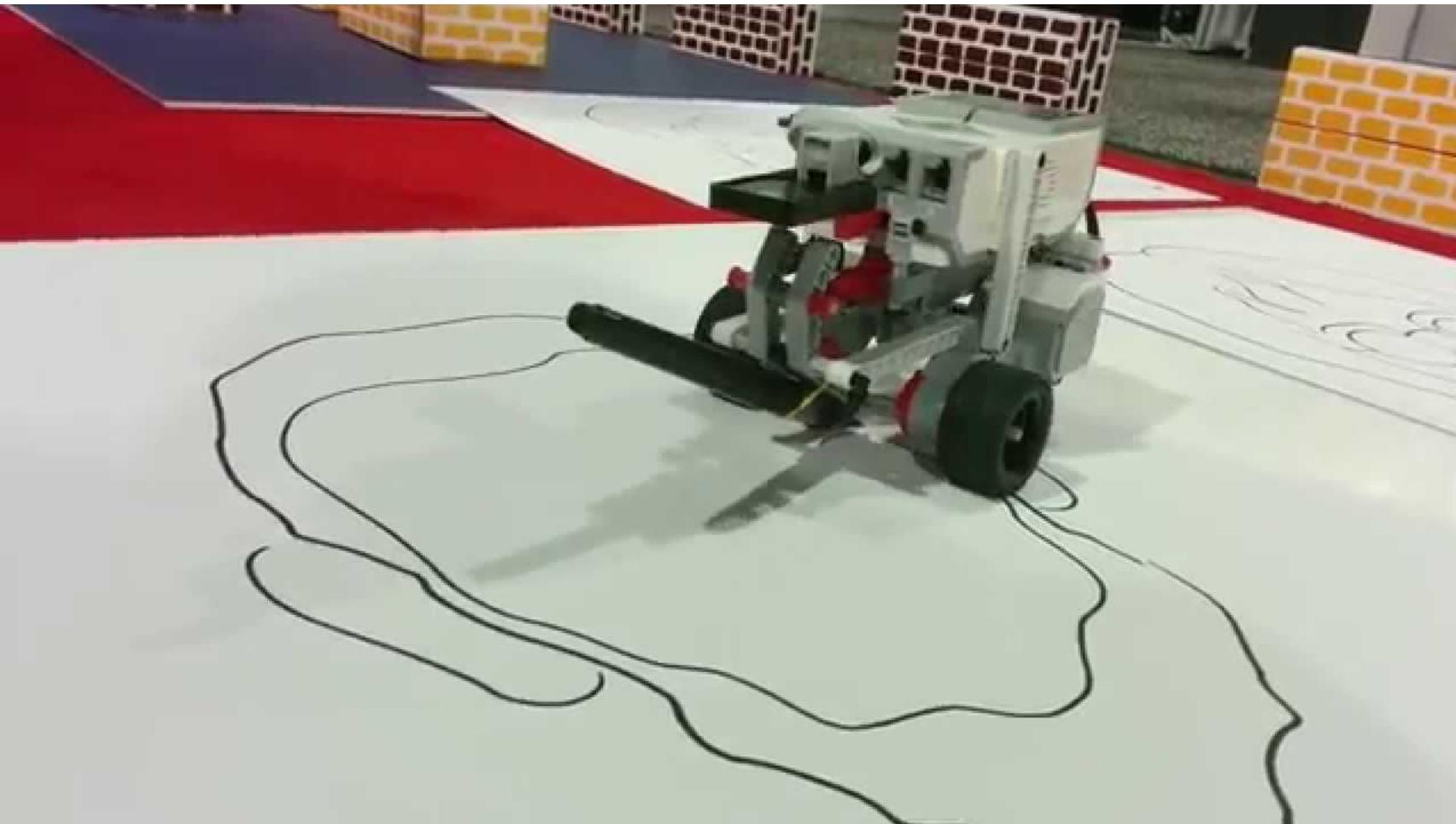
Rubik's Cube Solver

Solveur de cube de Rubik

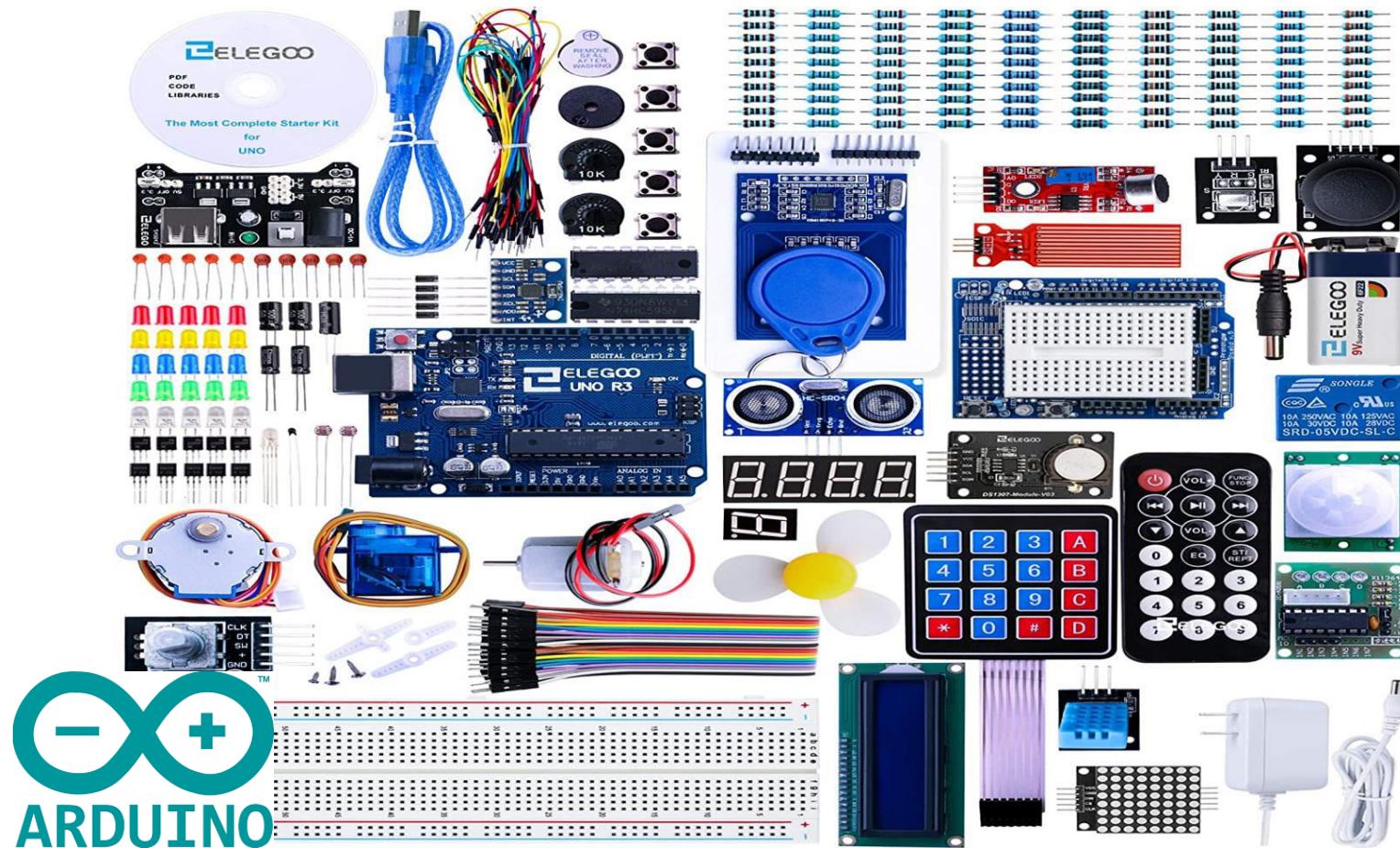


Drawing Robot

Robot de dessin



ARDUINO



Robotic Arm

Bras robotisé

https://www.dropbox.com/s/6oml53vj501dvbg/2019-robotic-arm-VID_20190813_135927.mp4?dl=0

Robot Tank

Robot Tank

https://www.dropbox.com/s/vhej3wff2d4uixa/2020-robot-tank-VID_20200407_152819.mp4?dl=0

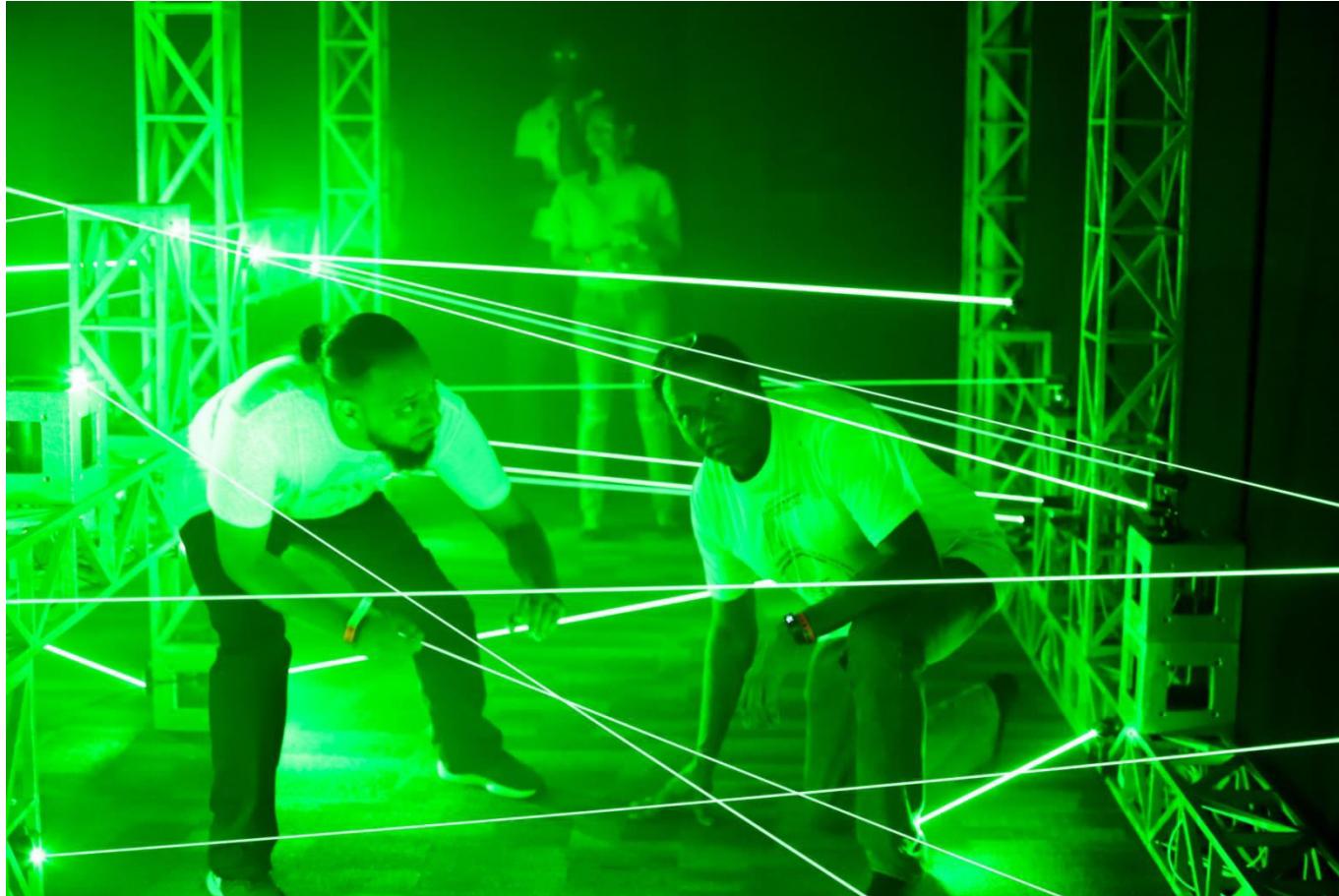
Drone

Drone

<https://www.dropbox.com/s/27bf2dzzrh3d3ix/2020-pre-flight-drone-test.mp4?dl=0>

Laser Obstacle Course

Une Course à obstacles laser



Animatronics

Animatroniques

<https://www.dropbox.com/s/4gdq83fu7nmaxpm/motorised-wings.mp4?dl=0>

QUESTIONS ?

DES QUESTIONS ?

THANK YOU

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