

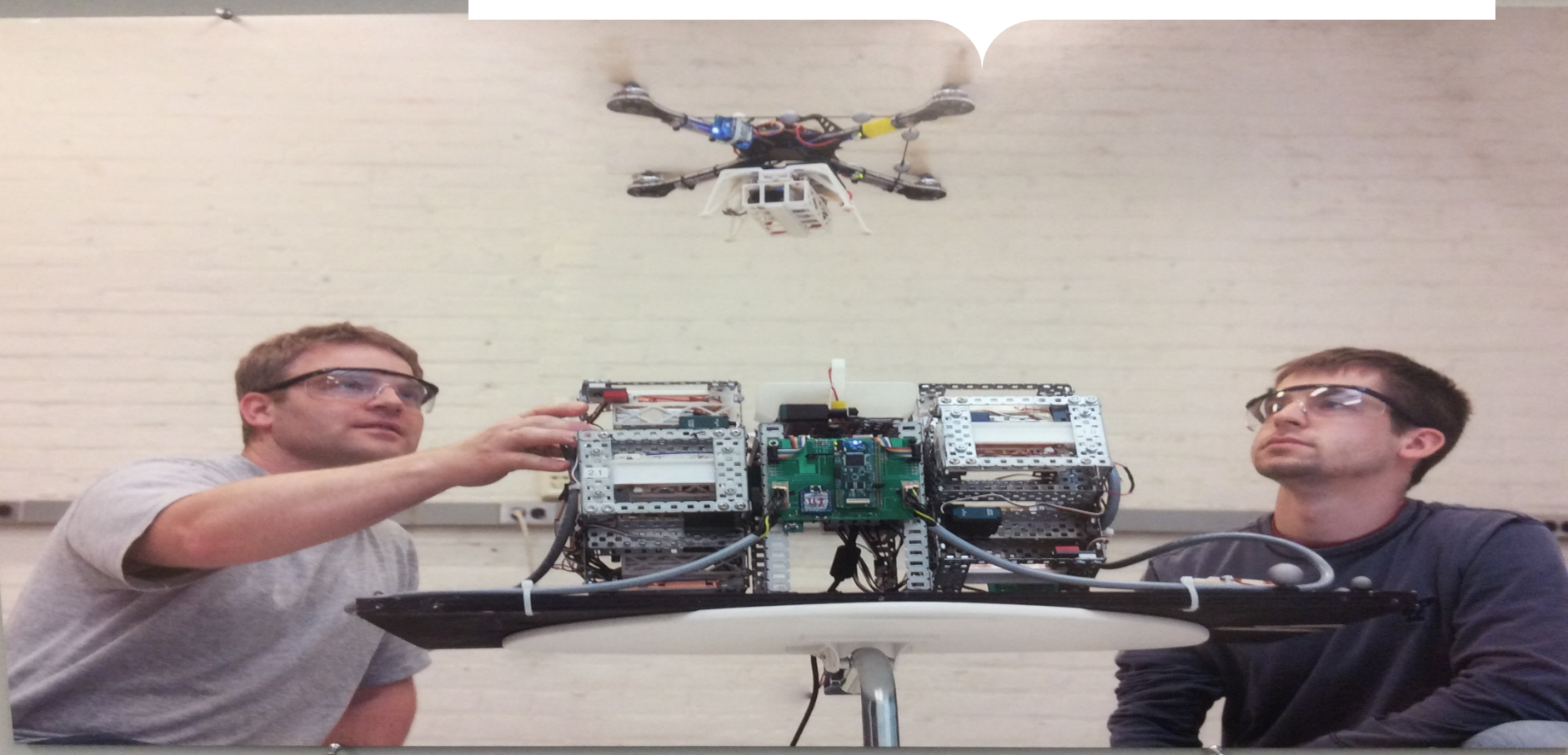


DOVER COURT
INTERNATIONAL SCHOOL
SINGAPORE

A NORD ANGLIA EDUCATION SCHOOL

24th October 2017

The MIT Partnership and STEAM at DCIS

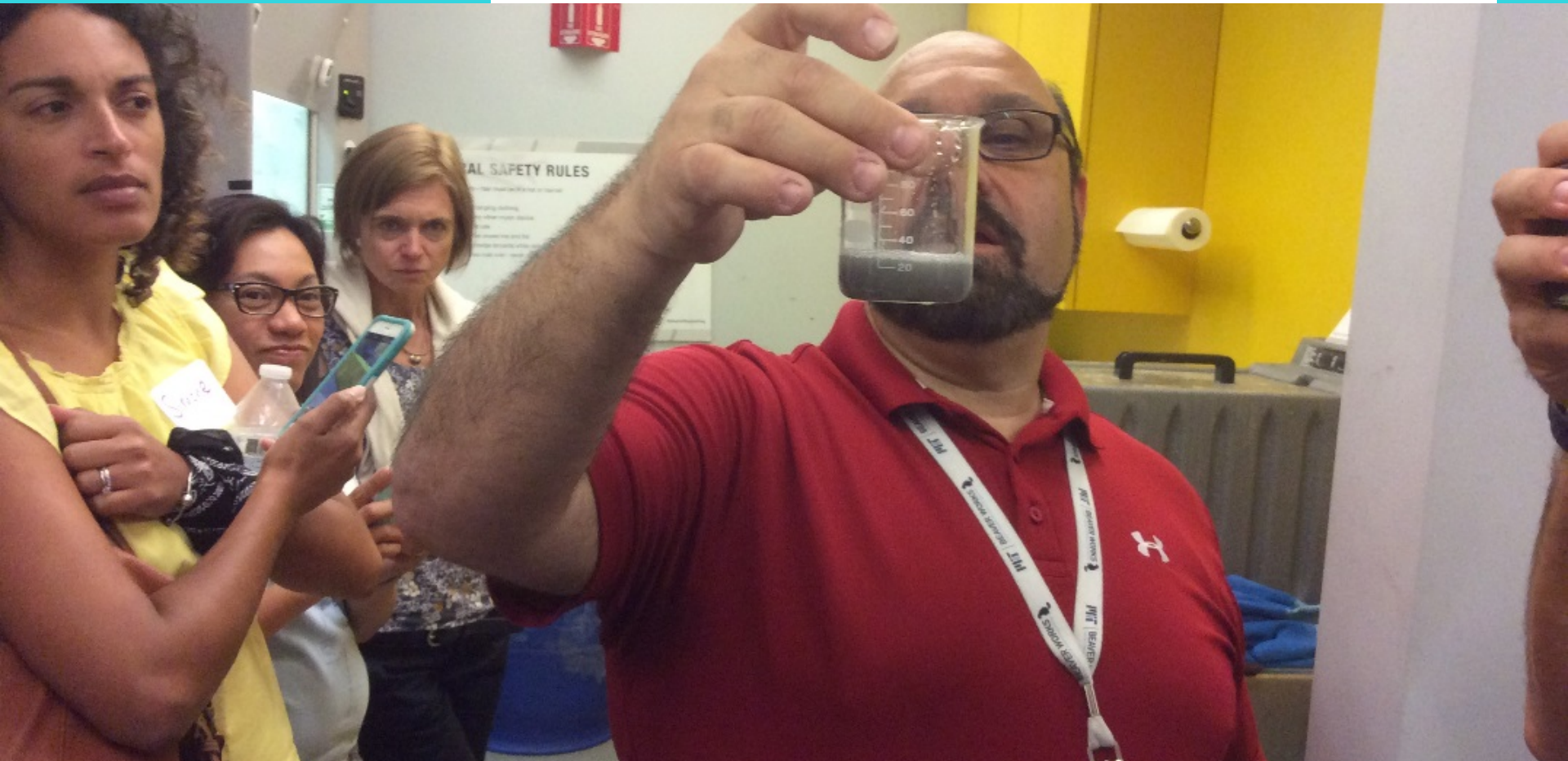


Aims of today's session

- To share information about our partnership with MIT
- To explain what STEAM is
- To explain how STEAM is going to be implemented at DCIS

[https://
www.youtube.com/
watch?
v=D1DG6TXRvac](https://www.youtube.com/watch?v=D1DG6TXRvac)

Our collaboration with MIT



Three key co

The Three key components

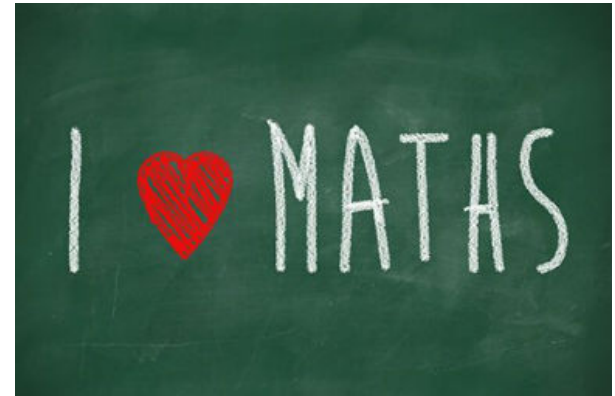
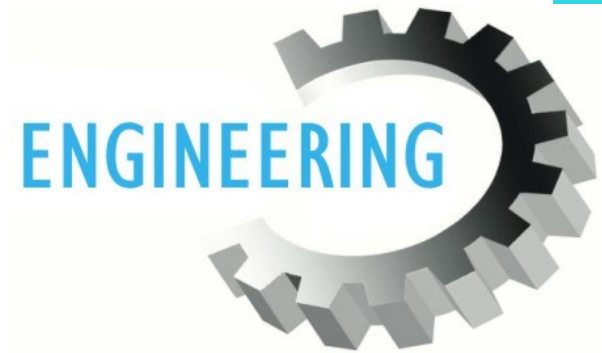
Spring trip for students

Professional Development
for teachers

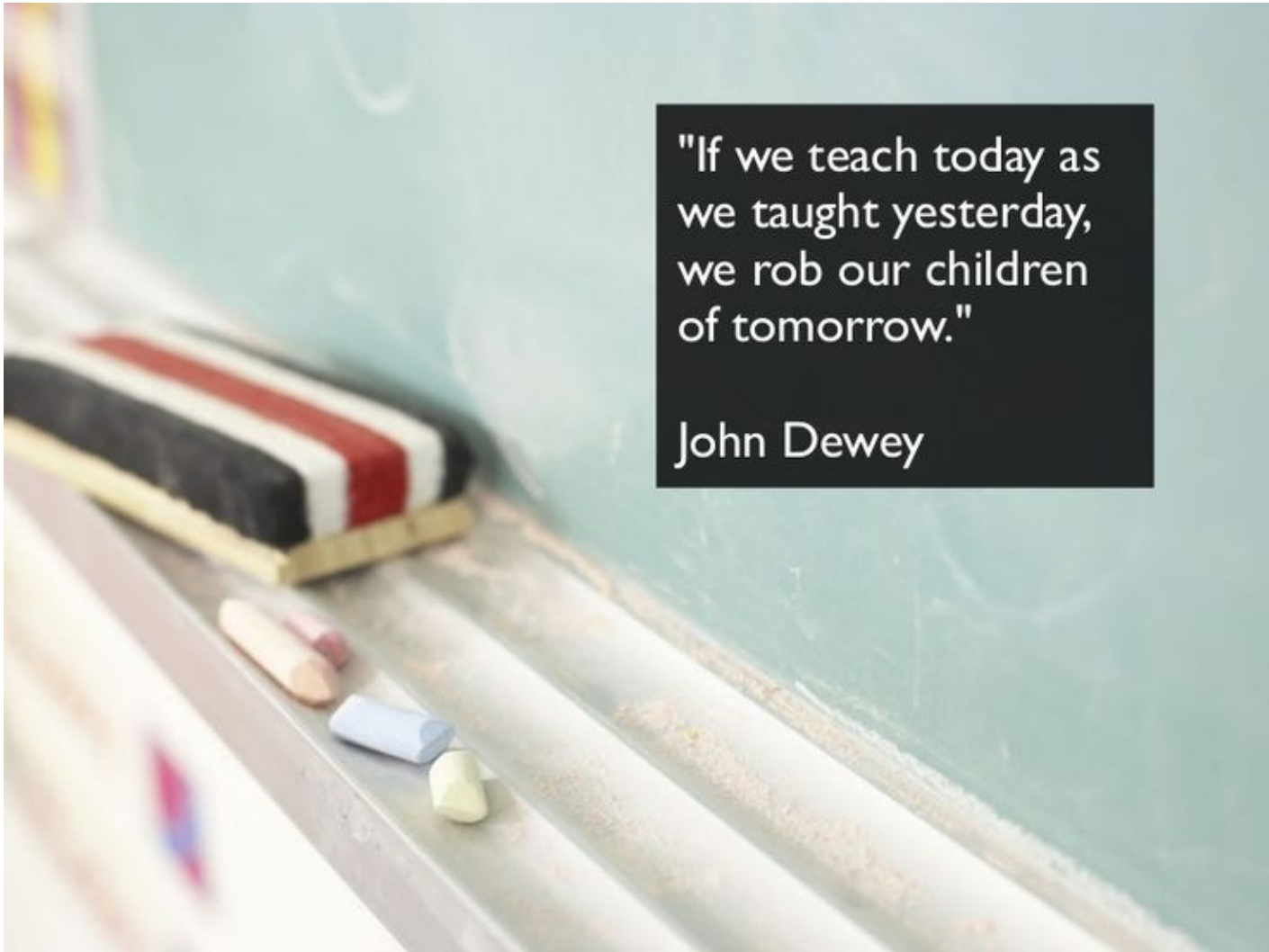
Supporting the
implementation of
STEAM in school



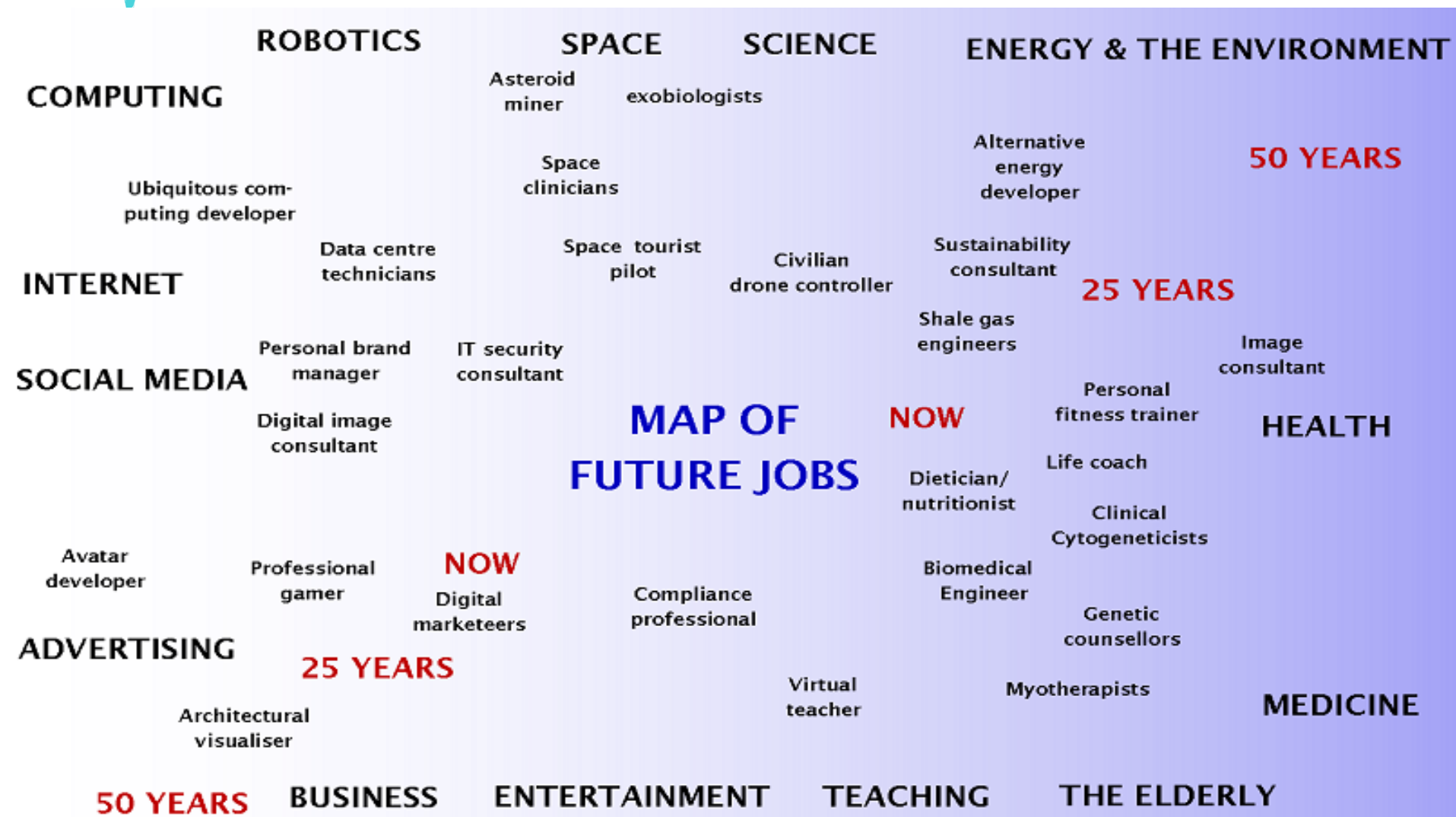
What is STEAM?



Is STEAM just another curriculum fad?



Jobs of the future



Source: Kent University

STEAM at Dover Court this academic year

MIT have set us some challenges!

Challenge 1: Greener Skies

Overview: The demand for air travel is expected to double or even triple by mid-century. To reduce the impact to the environment that goes hand-in-hand with that growth, new planes (some designed and tested here at MIT) are on the horizon.

Challenge 2: Rethink/Refuel

Overview: MIT is exploring alternatives to fossil fuels that could be used to power cars and planes. One such alternative is biofuel, created from plant or other organic matter. But of course there are pros and cons.

Challenge 3: Street Smarts

Overview: Self-driving cars seem like science fiction, but the fact is they're being tested on the streets right now! And many of the cars on the road today have "smart" features and sensors intended to make driving safer. Street Smarts allows Nord Anglia students to explore their questions about the safety, technology, and ethics of autonomy.



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CAMBODIA

Questions about MIT or STEAM

Richard.baines@dovercourt.edu.sg

Morgane.Kertrestel@covercourt.edu.sg



Thank you.