SAFFRON
SCIENCE

COMPETITION
2019-2020

REGISTER TO WIN!

THE PRIZE: A 3 Day All Inclusive

Saffron Science European Border Hoppin' Experience **for 20 pupils and 2 teachers in January 2020.**

REGISTER & GET CREATIVE

Proudly sponsored by

eflow you first

its intelligent transport systems Ireland

ENTER IN THREE EASY STEPS

1. REGISTER & GET CREATIVE

To register, complete the short application form at the end of this document and email it to **lindsey@saffrontravel.org**

All Registrants will then receive a set of instructions, some research to assist with their entry and a link to a Dropbox folder to upload their entry when complete. All entries must be uploaded before close of business on **Wednesday 7th November 2019** to be considered by the judges.
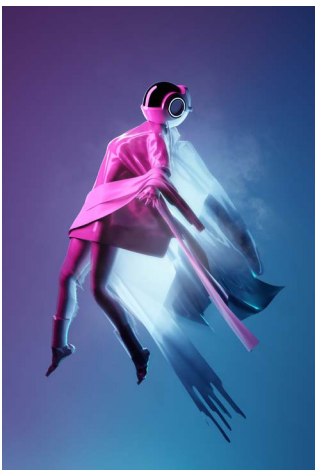
2. FILM YOUR 3 MINUTE VIDEO ENTRY:

Create and film your 3 minute video around the topic detailed.

Deadline for entry is Wednesday 7th November 2019.

Entries will be judged on their:

- understanding of the topic
- creativity and originality
- application within your community
- presentation of idea/proposal

3. UPLOAD YOUR ENTRY:

Each school that registers will receive a link to a folder to upload their entry.

IMPORTANT: Your video must have finished uploading on/ before the deadline which is 7th November 2019.

Proudly sponsored by

eflow *you first*   intelligent transport systems **its** Ireland

COMPETITION BRIEF

COMPETITION BRIEF

The transport and mobility sector is evolving at pace and transport agencies are struggling to meet the significant challenges which are emerging.

These include:

- providing adequate capacity
- managing demand across transport networks
- meeting changing customer expectations
- dealing effectively with air pollution, greenhouse gas emissions, noise and congestion in an efficient and equitable manner.

The transport sector in Ireland is responsible for emitting approximately 20% of all greenhouse gases in Ireland. Without doubt the need to tackle climate change is one of the most urgent challenges facing the transport industry and in particular for the industry to play its part as Ireland attempts migrating to a low carbon society in line with recent Government commitments (e.g. the Government's National Mitigation Plan, 2017 and the Climate Action Plan 2019).

The Mobility as a Service (MaaS) concept helps to fight climate change by potentially reducing the number of vehicles on the road, thus reducing the amount of CO_2 emissions. In theory, MaaS will give consumers an easier way to commute by integrating the various forms of transport services, e.g. transport itself, payment methods, the technology behind it into a single mobility service, which would be accessible on demand.

We would like students to consider the question below and to prepare a 3-minute video outlining their ideas, plans or proposals...

How can science and technology integrate different modes of transport to make travelling easier, cleaner and more efficient in your community over the next 10-20 years?

Proudly sponsored by

eflow you first

its intelligent transport systems Ireland

REGISTRATION FORM

SCIENCE COMPETITION
2019-2020

NAME OF SCHOOL:

ADDRESS OF SCHOOL:

TELEPHONE:

NAME OF SCHOOL PRINCIPAL:

EMAIL ADDRESS:

NAME OF HEAD OF SCIENCE DEPARTMENT (OR TEACHER MONITORING THE PROJECT):

EMAIL ADDRESS:

MOBILE NUMBER:

HOW DID YOU HEAR ABOUT THE SAFFRON SCHOOL SCIENCE COMPETITION?

HOW MANY PUPILS DOES YOUR SCHOOL HAVE?

☐ 1 -200 ☐ 201 -500 ☐ 501 – 1000 ☐ 1000+

FOR WHICH OF THE FOLLOWING SUBJECTS DOES YOUR SCHOOL OFFER EDUCATIONAL TRIPS? (PLEASE TICK ALL THAT APPLY)

☐ Science ☐ History ☐ Languages (Please specify)

☐ Arts ☐ Environment ☐ Sports ☐ Home Economic

EMAIL YOUR COMPLETED FORM TO
lindsey@saffrontravel.org

Proudly sponsored by

eflow
you first

intelligent transport systems
its
Ireland