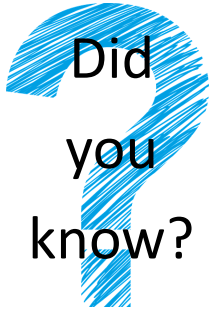


Would you like your pupils to learn about Data Handling using real data?

Would you like to increase your pupils' Science Capital by involving them in local science that is relevant to their daily lives?

Would you be interested in getting involved in some 'Citizen Science'?

Yes? Then we have an exciting opportunity for you and your pupils to work with a team of leading researchers from Scottish and Irish Universities and hospitals.



South West Scotland has some of the highest rates of chronic obstructive pulmonary disease (COPD) in the world.

COPD is a progressive lung condition that is the world's third biggest killer disease.

Scotland and Ireland (North and South) together share this common health burden.

Better diagnosis, treatment and management would improve the health and quality of life of patients with COPD.

A new research training network has been created called the **Border and Regions Airways Training Hub (BREATH)**. This team of scientists from Dundalk Institute of Technology, Queen's University Belfast and University of the West of Scotland, want to share their skills to train the best young scientists to help in the work to find new and better treatments for COPD. BREATH experts can work with you to raise awareness about COPD, by:

- Educating young people about cutting-edge research relevant to their lung health & wellbeing
- Involving students in a 'Citizen Science' project, monitoring air quality around their school
- Inviting students to join their scientists on a 'research journey' through visits, online and social media
- Contributing current scientific insight into ongoing school anti-smoking messages

Activities and events will support delivery of the following Experiences & Outcomes :

- Physical Wellbeing—1-15a; 2-15a; 3-15a; 4-15a
- Data and Analysis—1-20a; 1-20b; 1-21a; 2-20a; 2-20b; 2-21a; 3-20a; 3-20b; 3-21a; 4-20a; 4-20b; 4-21a
- Biological Systems—2-12a; 2-12b; 3-12a; 3-12b
- Topical Science—2-20a; 3-20a
- Technological Developments in Society and Business—3-05a; 3-06a; 3-07a

Preventing COPD tomorrow begins with empowering young people to improve lung health today.

If you would like to find out more about how you can become involved, contact a member of the RAISE Team:

gw08creightonkaren@ea.dumgal.sch.uk

gw08carolmoyes@ea.dumgal.sch.uk

gw08walkerkeith@ea.dumgal.sch.uk

