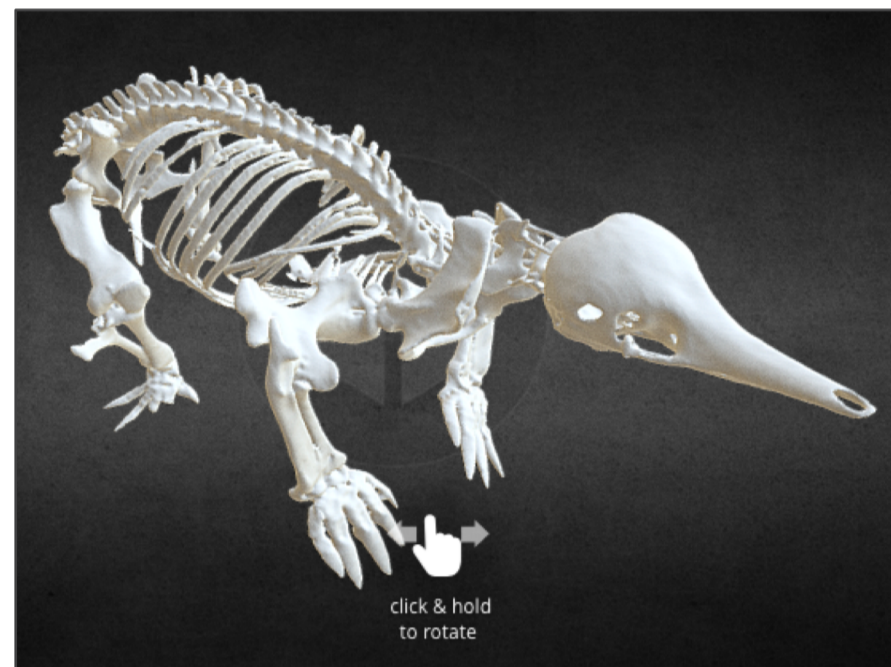


The University of Edinburgh encourages staff and students to use and create open educational resources (OER) to enhance the student experience and contribute to the cultural and digital commons. **Open.Ed**, the University's OER Service, provides advice, guidance and training on creating and using digital resources, and understanding copyright and open licensing. The OER Service supports engagement with openness in science education through a variety of initiatives.



Echidna (*Tachyglossus aculeatus*) 3D model CT scan by Dr. T. Schwarz, University of Edinburgh, CC BY

Showcasing Open Science

Showcasing open Science, Medicine, and Engineering resources on **Open.Ed**, the University's one stop shop providing access to open educational resources produced by staff and students across the university.

open.ed.ac.uk/edinburghs-oers/

Open Content Curation Interns

Our Open Content Curation student interns work with Geosciences to create open outreach and engagement resources and share these on **Open.Ed** and TES, where they can be found and reused by teachers and learners.



Cecily Plascot (OER Intern) and Iona Downie (Work Placement Student), by Susan Greig, 2018



Women in Red Wikipedia editing. Photo by Dr Alexander Chow. CC-BY-SA

Wikimedia in STEM

We work with our Wikimedian in Residence to support events, including Ada Lovelace Day and Women in STEM Editathons, to improve the coverage of

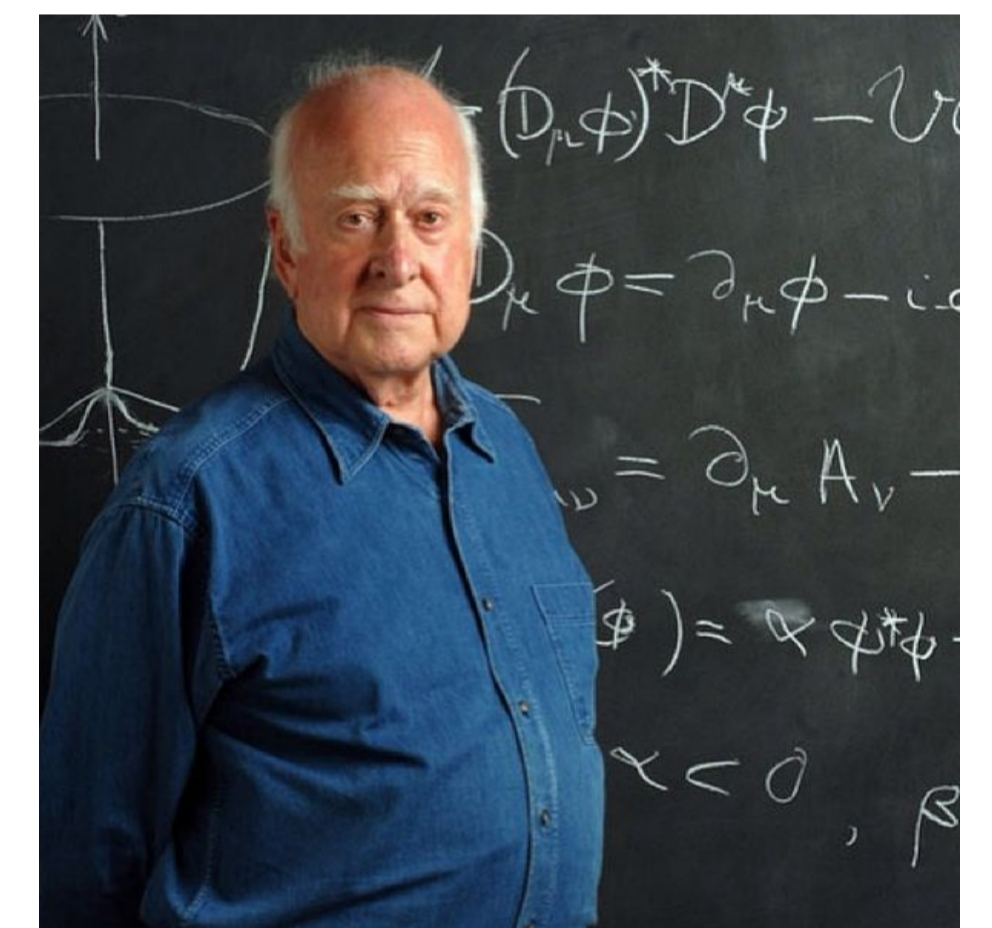
Wikipedia articles about women in STEM and redress Wikipedia's gender imbalance by encouraging more women to become editors.

en.wikipedia.org/wiki/Wikipedia:University_of_Edinburgh

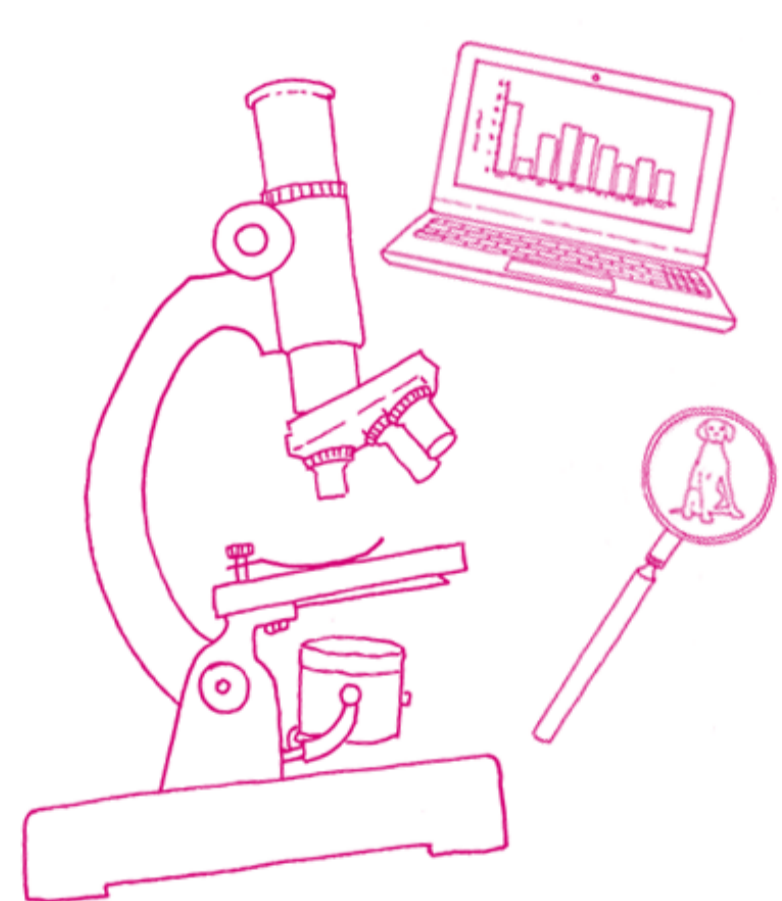
Open Science MOOCs

We support the creation of open science MOOCs covering a wide range of topics including climate change, research data management, astrobiology, artificial intelligence, and particle physics.

www.ed.ac.uk/studying/free-short-online-courses



Discovery of the Higgs Boson MOOC. Image by Hans G on Wikimedia Commons, CC BY SA.



UoE Interactive Content, CC BY.

Innovating with Open Knowledge

Resources and case studies to help entrepreneurs and creative individuals develop the skills to find and access the open research outputs of higher

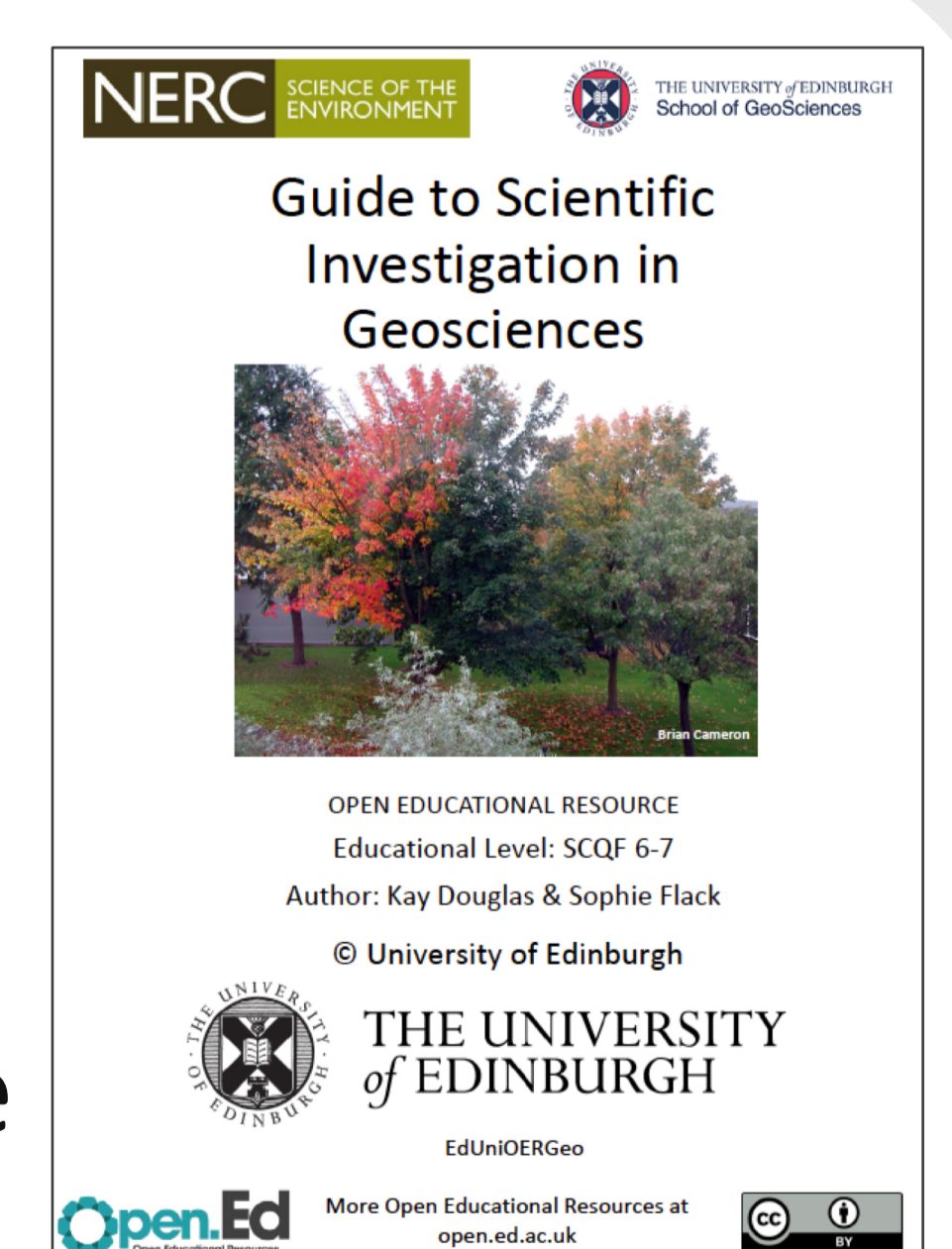
education. The series includes a number of open science cases studies covering Citizen Science, Bioinformatics and Drug Discovery.

openinnovation.is.ed.ac.uk

OER as Science Impact

Our work with the School of Geosciences inspired the creation of OER for Scottish school curriculum using data and findings from current research. The School can point towards the resources being used in Scottish, UK, and international schools as evidence of impact.

open.ed.ac.uk/geoscience-guides/



Kay Douglas & Sophie Flack, University of Edinburgh, CC BY

Open.Ed open.ed.ac.uk