

ICE CityZen Pollution Control: information for educators

ICE CityZen Pollution Control is an educational and fun game devised by the Institution of Civil Engineers.

It aims to:

- Help young people understand the fundamental impact civil engineering has on our world
- Generate interest in careers in the built environment
- Test student's critical thinking skills

Who are we?

The Institution of Civil Engineers (ICE) is a professional membership body that provides support to 95,000 civil engineers worldwide and influences governments and industry in shaping the world and transforming lives.

Our mission is focused on the need to meet the **UN Sustainable Development Goals (SDGs)** and the **UK Zero Net Carbon Goal**.

Civil Engineers are on the UK governments' shortage list – there is high demand for this vital profession – so we are on a mission to inspire more young people to consider it as a career.

You can find ICE CityZen Pollution Control in the ICE Inspire virtual careers centre – look for the CityZen posters outside and inside the building. It also has lots more civil engineering content including fascinating case studies:

[ICE-aspire.co.uk](https://www.ice-aspire.co.uk)

About the game

ICE CityZen Pollution Control is suitable for young people aged 11+ but is ideal for students aged 15-17.

It takes around 10 minutes to play and can be built into lesson plans for **Geography, Combined Sciences, PHSE & Citizenship** (England), **Environment & Society** (NI) and **Development and Global Citizenship** (Wales).

It can also form part of a careers or STEM club session and can be supported by an in-person talk from an ICE STEM Ambassador (a professional or student engineer) to meet the [Gatsby benchmark of 'contact with employers and employees'](#).

Request a career talk from an ICE STEM Ambassador.

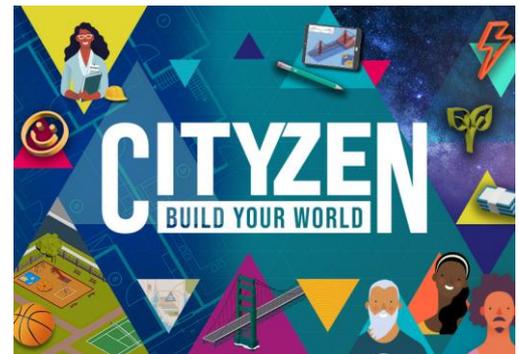
ICE CityZen Pollution Control covers a broad range of topics relevant to school and wider communities including:

- Pollution
- Sustainable industry
- Protected species and environments
- Water quality and management issues
- Ethics

The ICE CityZen Award

ICE CityZen Pollution Control is a short game experience which is very similar to the ICE CityZen game – a four-round team challenge which forms a key part of our competition (the ICE CityZen Award) for students aged 16-18. The award takes place in the autumn term and offers formal recognition for students taking part, opportunities to develop new skills and great prizes.

[Find out more and sign-up your school.](#)



To find out more about how ICE can support your school don't hesitate to get in touch with us:
careers@ice.org.uk