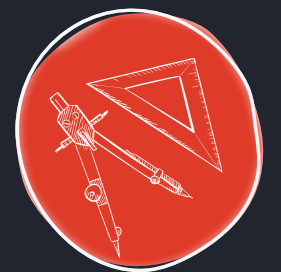
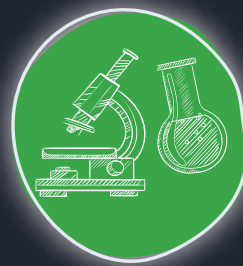


# steam

Inspiring kids in STEM and Arts subjects [www.steam-ed.ie](http://www.steam-ed.ie)



**JOIN THE STEAM COMMUNITY**  
**SUPPORT A LOCAL PRIMARY SCHOOL WITH A**  
**STEAM-IN-A-BOX PROGRAMME THAT**  
**MATCHES YOUR EMPLOYEE SKILLS AND**  
**COMPANY CSR GOALS**

**GIFT A BOX**

**Online**

**In Person**



## OPTION 1: Gift & Go!



**€600**  
Per class

- Gift a programme to a primary school class (30 students) to do it themselves
- Teacher-led
- 5 fully resourced lessons (Digital & Physical resources)
- Suitable for 4th/5th/6th classes / P5/P6/P7
- Delivered to the school in your name
- Includes PR for your company and 1 virtual school visit

## Option 2: Support & Engage – “The Basics”

€1,250\*  
Per class

### For your Company & School:

- 5 week programme  
(Suitable for 4th/5th/6th classes / P5/P6/P7)
- 1 Company STEM volunteer needed per class  
(or STEAM facilitator available at no extra cost)
- 1 hour per week – Online or in person  
(Co-teaching with the Primary teacher)
- Suitable for 4th/5th/6th classes / P5/P6/P7
- Company volunteer gets mini-kit to match the class resources



\* Just €750 to add an additional class group of 30 students

### Includes:

- Training for the STEM Professionals and Primary teacher
- School matching
- Garda vetting
- Organising consent & child protection obligations
- PR



1 class = 30 kids

## Option 3: Support & Engage – Premium

€2,000\*  
Per class

### For your Company & School:

- 10 week programme  
(Suitable for 4th/5th/6th classes / P5/P6/P7)
- Up to 4 Company STEM volunteers per class  
(or STEAM facilitator available at no extra cost)
- 1 hour per week – Online or in person  
(Co-teaching with the Primary teacher)
- Company volunteer gets mini-kit to match the class resources
- Company-focused project element



\* Just €1,500 to add an additional class group of 30 students

### Includes:

- Training for the STEM Professionals and Primary teacher
- School matching
- Garda vetting
- Organising consent & child protection obligations
- PR
- Certificate Presentation



1 class = 30 kids

# HOW IT WORKS FOR THE BASIC & PREMIUM PROGRAMMES:

01



VOLUNTEER STEM PROFESSIONALS  
REQUIRED TO WORK WITH 4/5/6TH  
CLASS CHILDREN!



02

COMMIT FOR 5 - 10 HOURS, ONE HOUR A  
WEEK, IN SCHOOL TIME, CO-TEACHING WITH  
THE PRIMARY SCHOOL TEACHER

03



STEAM PROVIDE THE BOX OF ACTIVITIES,  
LESSON PLANS, MATERIALS, TRAINING AND  
SUPPORT SERVICES.



IT'S A REALLY FUN CPD AND  
OUTREACH OPPORTUNITY!

04



05

STEAM ALSO WORK WITH COMPANIES AND  
SCHOOLS TO PROVIDE POSITIVE PR  
OPPORTUNITIES

\* For more information talk to your line manager / CSR teams




# STEM Professionals - We need you!

Volunteer for STEAM-in-a-Box programme and help us inspire the next generation.

“I thoroughly enjoyed my Engineering-in-a-Box co-teaching experience.”



“The kids were so full of wonder and creativity, it was a joy to watch them experiment with the range of materials and explore the options to develop solutions”

-  Are you a STEM Professional?
-  Do you think you have what it takes to inspire 10 year olds to love STEM?
-  Can you remember what inspired you to persue a career in STEM?



**steam**  
www.steam-ed.ie

# steam

Education Ltd.

[www.steam-ed.ie](http://www.steam-ed.ie)

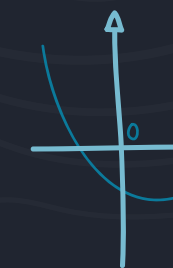
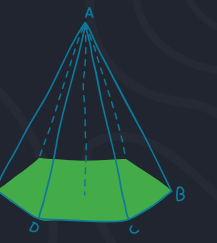
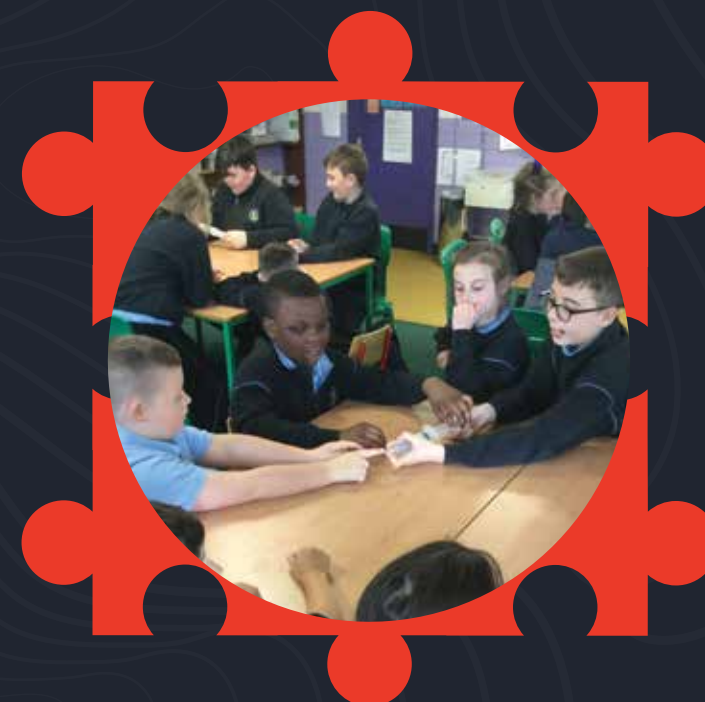
Inspiring kids in STEM and Arts subjects



# STEAM-in-a-Box

FUN, ENGAGING, 'READY-TO-TEACH' PROGRAMMES IN  
SCIENCE, TECHNOLOGY, ENGINEERING, ARTS AND MATHS!

# Options available:





Fun, interesting and creative introductions to Life on Earth including e.g. the evolution and diversity of life; the structure of Bacterial, Animal and Plant Cells; Virus biology; the main systems of the human body; focusing on the respiratory, circulatory and skeletal/muscular systems; learning to understand your own vital signs – such as pulse, temperature the amazing science of DNA!

All linked to the upper primary curriculum; Easy & fun to implement for both scientists and teachers working together!

### Programme options include:

- Introduction to Human Biology
- Building Block of Biology
- Science Origins (Premium)
- Life on Earth (Premium)

Programme also available in Irish.

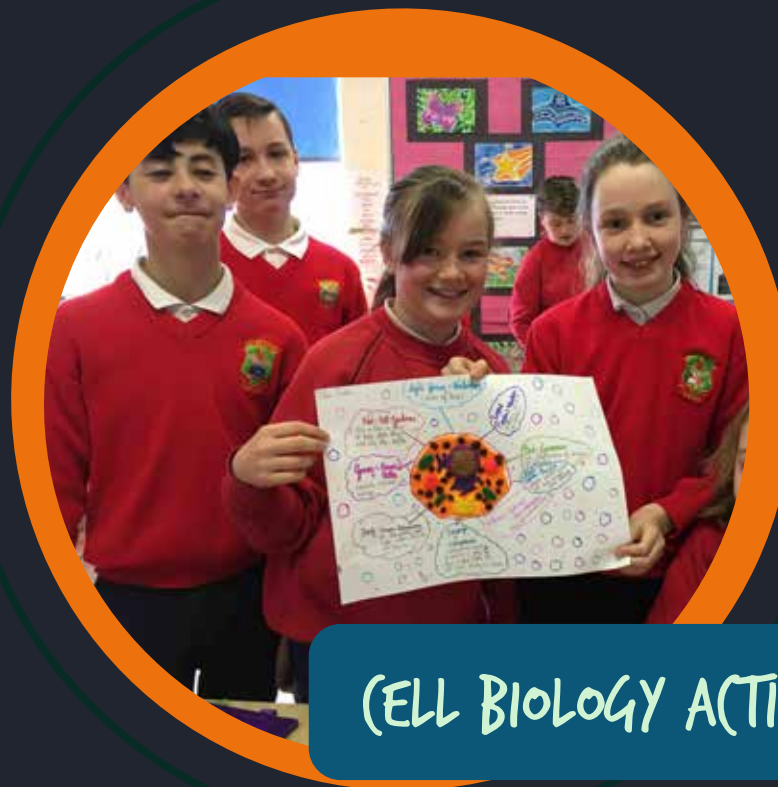
## SOME EXAMPLE OF THE LESSONS:



TREE OF LIFE ACTIVITY



HUMAN BODY SYSTEMS



CELL BIOLOGY ACTIVITY



(CERTIFICATE OF COMPLETION

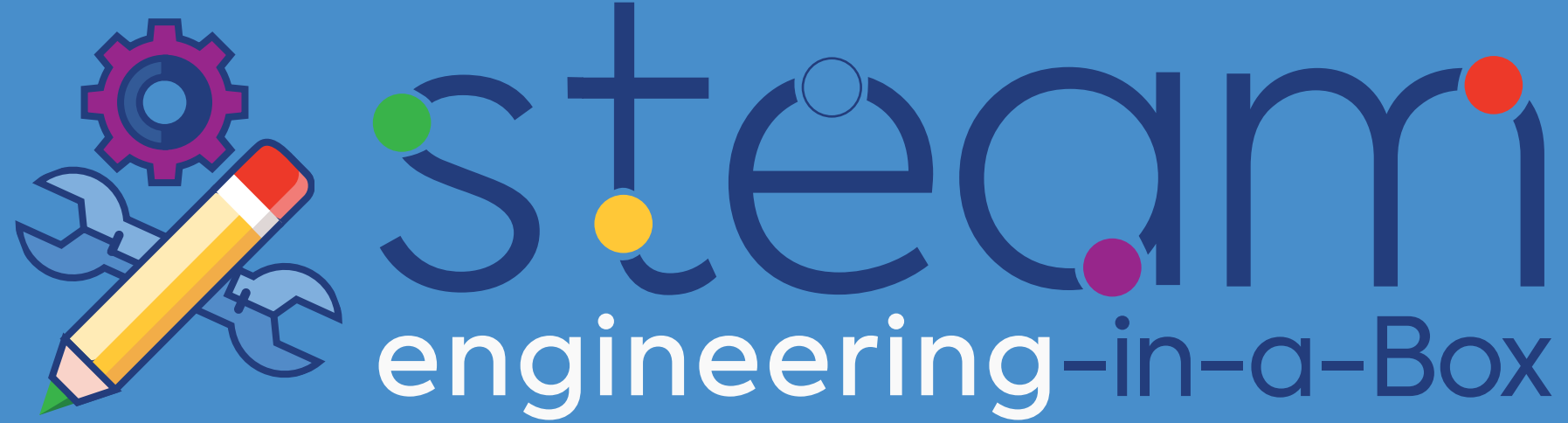


CLASSIFYING LIVING THINGS – SETS



GROWING OUR OWN CELLS ACTIVITY





Introducing children to the diverse fields of engineering, from infrastructure to biomedical, energy to electronics, civil to environmental and more! Using fun, practical, shared learning elements, inspirational engineers (such as your volunteers) will use transformational design type approaches to engage children in a series of challenges that develop creative and critical thinking, collaborative problem solving, and communication skills in all participants.

<http://bit.ly/STEAM-Eng>

**Programme options include:**

- Introduction to Engineering
- Engineering-in-a-Box (Premium)

**Programme also available in Irish.**

SOME EXAMPLES OF THE LESSONS:



DESIGN A PROSTHETIC ARM



PAPER TOWERS



LOLLYPOP STICK BRIDGE ACTIVITY



CONDUCTIVE CLAY



SWEET FACTORY ACTIVITY



ENERGY SOURCES ACTIVITY



# steam

climate-action-in-a-Box

A solution-focused programme exploring climate change and action, including the science of causes and effects, engineering and tech solutions for sustainable energy, humans and nature, and more. Using arts, communication and active citizenship we engage the children in understanding the part they can and do play and in contributing their ideas towards a greener future. Fun, hands-on, creative and participatory - designed to support and engage primary schools in positive Climate Action.

View video: <http://bit.ly/STEAM-CAPS>

### Programme options include:

- Introduction to Climate Action
- Climate-action-in-a-Box (Premium)

SOME EXAMPLES OF THE LESSONS:



SUSTAINABLE CONSTRUCTION



(CLAY ANIMAL ACTIVITY



GREENHOUSE EFFECT ACTIVITY



ENERGY SOURCES ACTIVITY

1. (CORPORATE SOCIAL RESPONSIBILITY (CSR)

2. EARLY INTERVENTION ENHANCES THE INDUSTRY'S FUTURE.

6. SUSTAINABLE DEVELOPMENT GOALS (SDGS)



THE 'BIG 6' BENEFITS:

3. INDUSTRY-EDUCATION LINKS

4. (CONTINUING PROFESSIONAL DEVELOPMENT (CPD)


5. PR

# In Numbers: STEAM's Impact



**SCHOOLS ≈ 140**

APPROX 100 OF THESE ARE LONG TERM MEMBERS OF THE STEAM COMMUNITY, SUPPORTED BY INDUSTRY, SO PARTICIPATE WITH DIFFERENT CLASSES EVERY YEAR



**TEACHERS ≈ 234**



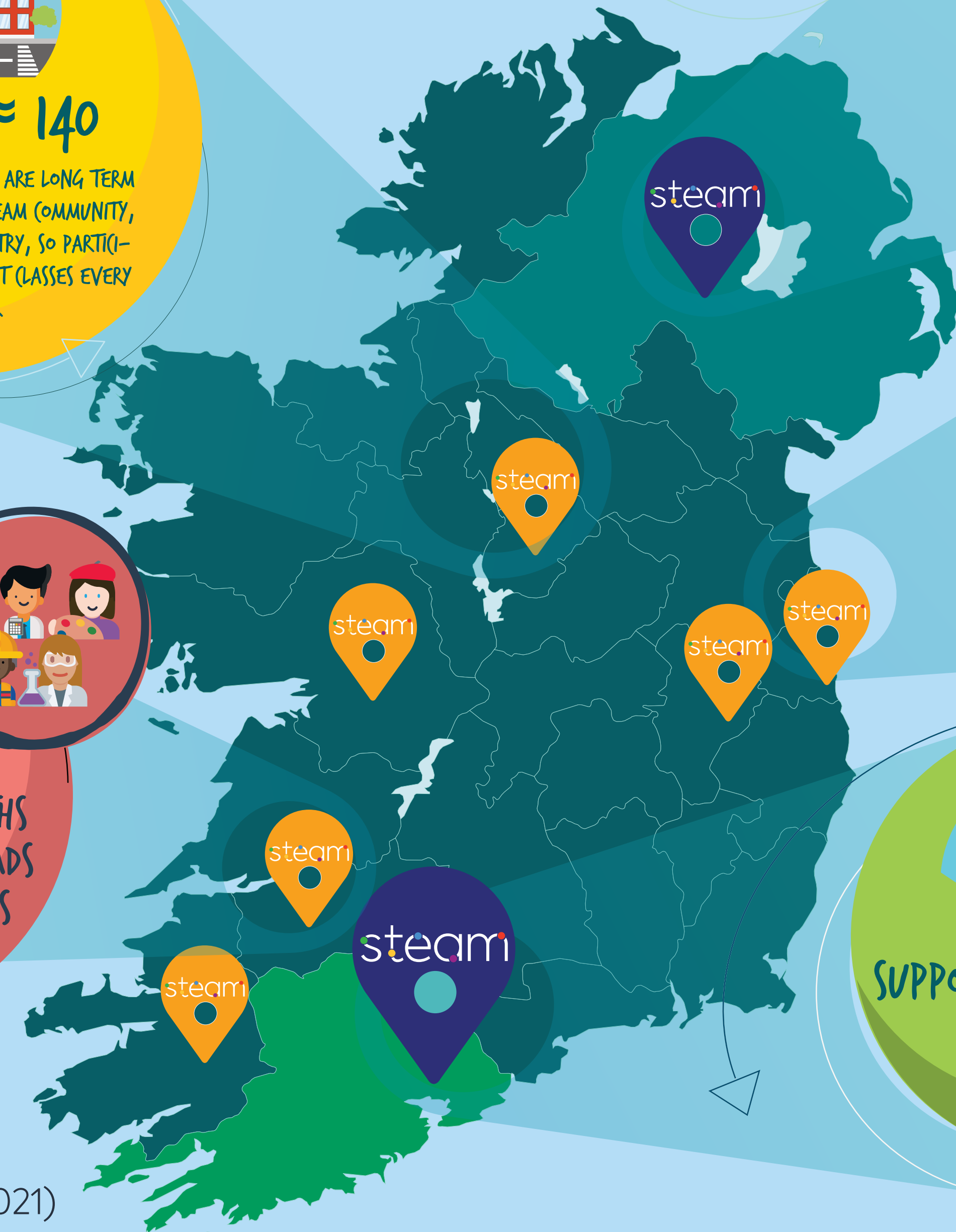
**KIDS ≈ 13,131**



**OVER 200 SCIENCE, ENGINEERING AND MATHS (O)-TEACHERS - POSTGRADS FROM ALL UNIVERSITIES IN IRELAND**

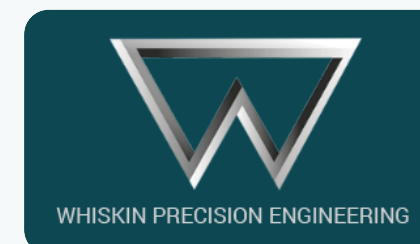
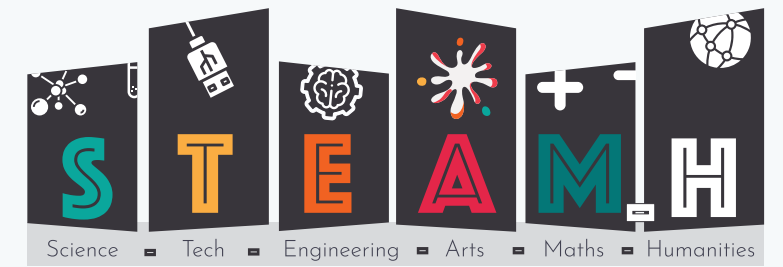


**SUPPORTING COMPANIES ≈ 67**



(Figures accurate as of April 2021)

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