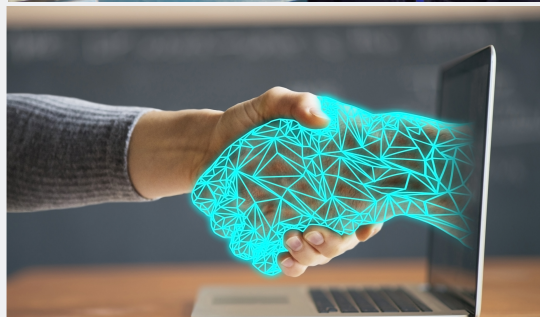




Industrial Cadets

**OFFICIAL**



# BRONZE STARTER PACK 2020



Industrial  
Cadets

# WELCOME TO VIRTUAL ROUTES INTO STEM

## INTRODUCTION

We are delighted to introduce you to this Industrial Cadets Digital Pack which includes all you need to know about the Industrial Cadets award and all the opportunities available to help you find your pathway to a dream career in STEM.

Please ensure you read through this pack in detail and keep it safe in case you wish to refer to it throughout your virtual course.

## WHAT IS INDUSTRIAL CADETS?

Industrial Cadets is a key component to EDT's portfolio; creating pathways to unlock potential and promote achievement. Industrial Cadets is a widely recognised skills-based quality framework accreditation, enabling young people to gain industry-led recognition awards.



## IN THIS PACK

You have

- Information on Industrial Cadets
- Industrial Cadets Bronze Framework
- Industrial Cadets Awards & other opportunities
- STEAMstars

## OUR SPECIAL PATRON & HISTORY

Industrial Cadets was inspired by His Royal Highness The Prince of Wales in May 2010. During a visit to Tata Steel, HRH challenged companies to do more to engage with young people, and raise awareness of industry and job opportunities.

Through the years, we are proud to say that Industrial Cadets has expanded to become a nationwide accreditation recognised by industry as a quality standard for work related experiences.

# TRANSFORMATIVE LEARNING

## INSPIRING THE FUTURE GENERATION INTO THE WORLD OF STE(A)M

Industrial Cadets works with UK employers to develop and create opportunities for young people. Our UK employers, educators and partners invest in Industrial Cadets to create education and career pathways for young people and a future skilled workforce. Industrial Cadets ensures that young people can develop the skills they need through programmes like this, giving you a valuable work related experience and a chance to develop the skills you need to enter industry with confidence.



## WHAT YOU WILL GAIN FROM THE COURSE

You will discover the routes available to you, with an insight into what it is like to study at college and university, whilst developing an understanding of pathways into a successful STEM career. You will gain an added opportunity to work on STEM projects, take part in virtual tours, engage with professionals, and achieve your Bronze Industrial Cadets Accreditation award. You will gain a greater understanding of career pathways and be more confident in your future STEM studies, supporting your career opportunities.

## OUR VIRTUAL WORLD

In collaboration and partnership with educators, employers and partners, EDT are transforming the way young people can access experiences and earn their Industrial Cadets awards and accreditation. The virtual experiences we offer will develop your skills and provide more exposure and interaction with the world of work. Through our virtual world, you will gain greater careers awareness and understanding of the wide range of opportunities available to you.

## ABOUT THE VIRTUAL ROUTES INTO STEM COURSE

The virtual Routes into STEM course will give you access to information and activities related to your future studies at college and university, as well as understanding apprentice opportunities in your career pathways in STEM industries.



# THE ROAD TO ACCREDITATION

## WHAT IS THE VALUE OF AN INDUSTRIAL CADETS AWARD?

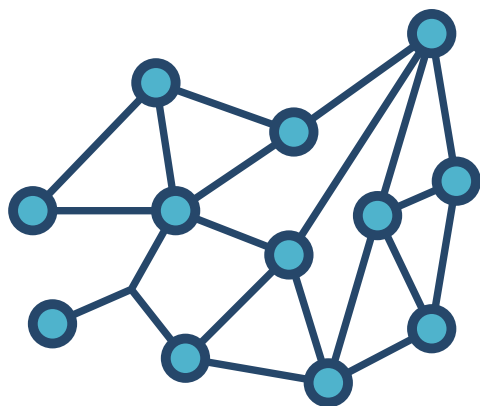
This is a fantastic opportunity for you to take a positive step towards your future career and demonstrate your achievements to educators and potential employers.



## HOW DO I GET AN INDUSTRIAL CADETS AWARD?

The work and outcomes you produce during the Routes into STEM course will contribute to achieving your Industrial Cadets Bronze Level award. Your completed work and outcomes will be reviewed to ensure you have met all the criteria requirements in line with the Industrial Cadets Bronze Level framework. We request that you complete all the modules within the virtual Routes into STEM course to the best of your ability.

Please refer to the Industrial Cadets Bronze Level framework (within page 5 of this pack) which shows the programme components and the skills you will develop during your course.



## WHEN WILL I RECEIVE MY INDUSTRIAL CADETS AWARD?

Upon completion of your modules and activities, they will be reviewed by EDT/Industrial Cadets and moderated in line with the Industrial Cadets framework. When you complete all the required elements of your online course, including all modules and the evaluation questionnaire, you will receive your digital certificate.



## BUILD YOUR INDUSTRIAL CADETS PORTFOLIO

This is a unique opportunity for you to gain insight into industry and demonstrate experience and progression. There are five Industrial Cadets awards to work towards achieving and building your Industrial Cadets portfolio.

## NATIONAL ACCREDITATION NETWORK

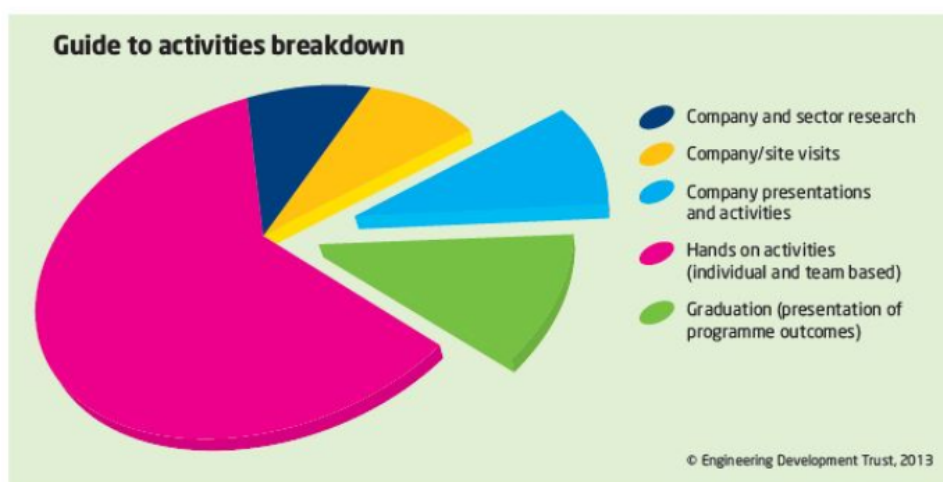
Once you have successfully completed your virtual Routes into STEM course and graduated as an Industrial Cadet, you will become part of the network of Industrial Cadets across the UK.



# THE INDUSTRIAL CADETS FRAMEWORK : BRONZE

## SKILLS & COMPETENCY FRAMEWORK

Young people graduating at the Bronze Level will follow a programme defined by the activities breakdown over a minimum of 20 hours. The programme components and skills and competency framework illustrate the employability skills and personal learning and thinking skills acquired by each individual Cadet at this level.



### Bronze Framework

Minimum **20** hours

| Programme Components                                      | Creativity and Innovation | Communication and Collaboration | Critical Thinking and Problem Solving | Digital Skills | Careers motivation and Awareness | Personal and Interpersonal Development |
|---|---------------------------|---------------------------------|---------------------------------------|----------------|----------------------------------|--|
| Company and sector research                               |                           |                                 |                                       |                |                                  |  |
| Company/site visits                                       |                           |                                 |                                       |                |                                  |  |
| Company presentations and activities                      |                           |                                 |                                       |                |                                  |  |
| Mentor/role model interactions                            |                           |                                 |                                       |                |                                  |  |
| Hands on problem solving and critical thinking activities |                           |                                 |                                       |                |                                  |  |
| Graduation (presentation of programme outcomes)           |                           |                                 |                                       |                |                                  |  |

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# INDUSTRIAL CADETS AWARDS

## INDUSTRIAL CADETS AWARDS

The Industrial Cadets Awards is a vibrant and lively celebration, recognising excellence and the achievement of emerging young talent in the UK. These prestigious awards celebrate exceptional partnerships with employers, schools, colleges, organisations and sponsors, giving thanks for their on-going support throughout the year.



## AWARDS CATEGORIES

Previous categories have included awards for young people by Industrial Cadets levels; Challenger, Bronze, Silver, Gold and Platinum. There are also awards for Strategic Partner, School/College, Employer, SME Employer and Changemaker.

# STEAMSTARS

*STEAMstars have a passion for STE(A)M (Science, Technology, Engineering, the Arts and Maths) and are inspired to make a difference in today's world!*



## STEAMSTAR- HADLEY LEARNING COMMUNITY

"Before doing the Industrial Cadets experience, I thought that going to university was required of anyone wanting to pursue a career in STEM, but now I realise that there are other options that can be taken, like apprenticeships."



## STEAMSTAR- ABIKE



"The Industrial Cadets programme helped me realise my potential at internship level and build my confidence in myself to gain a graduate role. It's a great way to start exploring who you are, what your key skills are, your interests, and what you want or do not want in a career."

## WHY DON'T YOU BECOME A STEAMSTAR AND HELP US TO INSPIRE OTHERS?

Email us at [marketing@etrust.org.uk](mailto:marketing@etrust.org.uk) and we will send you a case study template to fill out! You will have the chance to feature on our website and other marketing materials.