



BE INSPIRED



**“A high quality computing education equips pupils to use computational thinking and creativity to understand and change the world”**



## ABOUT iDEA

The Inspiring Digital Enterprise Award, known as iDEA is an international programme that helps you develop digital, enterprise and employability skills for free.

Through our series of online challenges, you can win career-enhancing badges, unlock new opportunities and, ultimately, gain industry-recognised Awards that help you stand out from the crowd.

iDEA is a blended learning approach that aspires to be a digital and enterprise equivalent of The Duke of Edinburgh's Award. Participants take on a series of challenges that earn them points which aggregate towards their Bronze, Silver or Gold Inspiring Digital Enterprise Award.

iDEA's different learning categories (Citizen, Worker, Maker, Entrepreneur and Gamer) cover topics as diverse as cyber security, cloud computing and e-safety; and animation, growth hacking, customer relationship management and web development. All the digital badges are short modules which can be completed anywhere a learner can be online.

Since the launch of the Bronze Award in 2017, millions of iDEA badges have been completed by learners in over 100 countries worldwide. Tens of thousands of our Awards have been achieved.

iDEA works closely with learners and organisers to support their implementation plan. The team at iDEA provides resources that help Organisers by enabling them to practice the modules for CPD as often as they like, and providing them with data and analytics about their students' progress.

# LEARNING WITH iDEA

iDEA learners are incentivised to become digital all-rounders but also given the opportunity to take their learning deeper into areas of interest.

- **CITIZEN BADGES**

Digital awareness, safety and ethics.

- **WORKER BADGES**

Tools and techniques which are useful in the workplace, and employability skills.

- **MAKER BADGES**

Digital creativity and building and making in the digital world.

- **ENTREPRENEUR BADGES**

How to originate ideas and bring them to life.

- **GAMER BADGES**

Gamification techniques and help people learn how to make games.

To achieve the Bronze Award, learners need to earn 250 points at Bronze level, including a minimum of 50 points in each of the core categories of the curriculum: Citizen, Worker, Maker and Entrepreneur. To achieve the Silver Award, learners need to earn 400 points at Silver level - please see the Silver Award section on page 33 for more information.

iDEA is free to all and only needs access to the internet. iDEA resources have been carefully designed to work on all modern devices, operating systems and browsers. The programme aims to help organisers provide effective and engaging digital skills education, and to inspire people to be better equipped for the digital world.

The overarching goal of iDEA is to support the development and accreditation of digital skills, thereby allowing individuals more opportunities to become economically active.

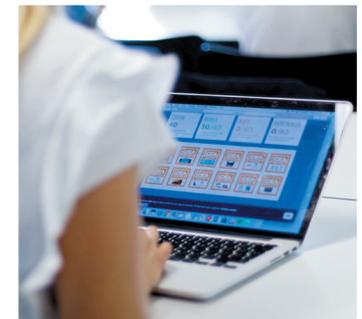
The Bronze Award is targeted at beginner level and the Silver Award is aimed at intermediate level. The Gold Award is advanced level and will be published on the platform in due course.



# iDEA

“iDEA is an accessible and sustainable education service that can empower and connect millions across the globe.”

Young Enterprise



“iDEA is inspiring young people to learn new skills and to get the right job. iDEA is making a real difference to peoples' lives”

Mark Hill, MBE



# OPPORTUNITIES WITH iDEA

iDEA is building partnerships with a wide range of organisations in every continent. The initiative is highly flexible, meaning organisers can use the modules – known as ‘badges’ - to support both formal and informal learning.

Around the world, iDEA is being used as part of classroom and workshop activities and integrated into schemes of work. It is also being used as an enrichment or homework activity. People can do the badges with friends, on their own, or in classroom or workshop or club environments.

iDEA can help institutions create meaningful impact for their students’ educational and employability prospects. When an organisation works with the programme, anyone facilitating classes is upgraded to Organiser Status on the iDEA platform, meaning they can do badges as often as they like as they prep lessons and deliver live sessions.

Additional benefits for organisers include having access to comprehensive learner analytics which help schools and teachers track progress and support their pupils.

For learners, the badges provide a visual acknowledgment of achievement which can then lead to increased employment marketability in the technology and enterprise sectors.

# iDEA PIONEER INSTITUTIONS

A number of highly engaged schools, school trusts, colleges, universities, learning organisations, local authorities, community outreach organisations, charities, educational bodies and corporates have been awarded iDEA Pioneer status.

This is a way of signifying on websites, school prospectuses, letterheads and email signatures that an institution is committed to ensuring learners in their care are set up to thrive in a digital world.

As well as being hugely beneficial to students, iDEA Pioneer status provides a visible and prestigious acknowledgement of an institution’s digital commitment. The programme also helps organisations show they are part of a global community that enables digital skills education.



INSPIRING DIGITAL ENTERPRISE AWARD  
**PIONEER**



# iDEA BADGES

## BRONZE CITIZEN BADGES

Digital awareness, safety & ethics.....11-15

## BRONZE WORKER BADGES

Tools & techniques which are useful in the workplace.....16-20

## BRONZE MAKER BADGES

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## BRONZE ENTREPRENEUR BADGES

How to originate ideas & bring them to life.....25-29

## BRONZE GAMER BADGES

Learn gamification techniques & how to make games.....30-31

## SILVER AWARD INTRODUCTION

An overview to introduce how Silver works.....33-36

## SILVER BADGES

The full Silver curriculum.....37-40

### KEY:



SHORT



MEDIUM



LONG



VERY LONG



This badge has YouTube video elements



This badge has video elements

# CITIZEN BADGES

iDEA Citizen Badges help you learn digital awareness, safety and ethics. Learners need to win a minimum of 50 points in this category to achieve their Bronze Award.



## BRAIN HACK



Imagine if there was a quick and easy module you could do which would make you better at all the rest of your studies. Well this might just be it! Find out how your brain works and get ready for some great results.



## CYBER SECURITY



Don't let the simple design of this badge put you off - make like Alan Turing cracking the Enigma code and find out how to do things James Bond and Jason Bourne would be proud of.



## CYBER SPIES



Take on a traineeship with the Cyber Spies. Learn how to protect and fortify a website to keep it safe from hackers, and then put your knowledge to the test as an attack is simulated.



## DATA PLAY



Find out what it feels like to work with the cyber team to solve a crime. Cybersecurity specialists need patience and persistence!



## DIGITAL ETHICS



Being a good digital citizen, and learning how to manage the issues and ethics of the digital world are vital skills everybody needs. Learn here about some of the challenges which arise from aspects of digital innovation, and how to deal with them.



## E-COMMERCE



Money makes the world go around. Tools, tips and tricks to ensure you look after your pennies.



## E-SAFETY AND ONLINE ETIQUETTE



Get cyber savvy to help you and your friends stay safe and avoid being a victim of fraud and theft online. Everyone who uses the internet needs to do this easy but important intro to e-safety.



## FAKE NEWS

5 points



Unfortunately we live in a world where some people spread lies and manipulate the truth. It's vital to your digital health to be able to spot fake news, and use critical thinking to make sensible, rational judgements on the information you source online. This introduction helps show you how.



## FARM TECH

5 points



Sustainably feeding the world's growing population is one of the biggest challenges facing humanity. Learn about how different technologies and careers are helping make a difference, and discover the UN's Global Goals - what they are and why they matter.



## GDPR

10 points



How many of us understand what 'GDPR' is, and feel confident about complying with it? 'GDPR' stands for the 'General Data Protection Regulation'. Get to grips with this critical piece of data protection legislation today and download a free guide you can refer to anytime.



## GLOBAL GOALS

10 points



Getting to know the UN Global Goals and why they matter, helps us all better understand how we can play our part. This iamtheCODE badge helps decode the Goals and shows how individuals, communities, businesses, and technology can all help advance them, and change the world.



## INTERNET AND WEB

12 points



Wouldn't it be brilliant if there was a simple guide which helped people understand what the Internet does and how the World Wide Web works? Well now there is. Learn loads of useful things about the digital world, then download and keep a glossary which demystifies all the jargon.



## PERSONAL STATEMENT

10 points



Your personal statement helps you showcase what you are able to do, and helps potential employers and educational institutions discover what makes you a perfect fit for the job or the course you are applying for. Boost your chances of success, and find out how to identify your transferable skills.



## SAFE ONLINE

10 points



Stay safe online and learn how to avoid being tricked by hackers and online trolls.



## SOCIAL MEDIA ETHICS

8 points



Social Media channels are helping to make the world a more networked, connected place. With that connectedness comes responsibility, to ourselves and to each other. Pick up some tips for using social media appropriately, including how to safeguard against cyberbullying and how to spot fake news.



## SOCIAL MEDIA SET-UP

5 points



It can be baffling trying to set yourself up on social media channels. This badge helps you understand what you need to do on the main ones: Facebook, Instagram, LinkedIn, Twitter, YouTube and Snapchat. Even if you already use one or more, you can download the free guide in this badge to keep for reference in the future.



## TEAMWORK

10 points



How we work together and make the most of each other's talents is essential in business. Learn how with Teamwork!



## WHAT IS THE CLOUD?

8 points



Cloud computing is a way to store data in cyber space so it doesn't take up real space at home or at work, and avoids using up memory on your phone or computer. Find out why it matters and how you can use it.

# WORKER BADGES

iDEA Worker Badges teach you tools and techniques which are useful in the workplace, and employability skills. Learners need to win a minimum of 50 points in this category to achieve their Bronze Award.



## COLLABORATION

8 points



Tools and technologies of the digital world are making it easier for teams to collaborate and complete their work more efficiently. Can you build a brilliant team and implement the appropriate tech to help make your business a success?



## CRISIS MANAGEMENT

5 points



Crisis Management is the process of dealing with disruptive and unexpected events that threaten to harm you or your organisation's wellbeing. In this badge, you will take your own business through a pandemic and not only survive, but thrive through problem solving, innovation and adapting during a crisis.



## DATA VISUALISATION



8 points



Data visualisation is both an art and a science. Patterns, trends and correlations can be discovered and documented more easily when we visualise data. You'll be introduced to some of the concepts of data visualisation as you follow Napoleon on his journey during the French invasion of Russia.



## DESIGN PSYCHOLOGY

8 points



Making engaging online content is as much an art as a science. Get an insight into the psychology of web design to learn some of the tips and techniques you need to make your websites shine.



## DIGITAL CAREERS

5 points



The digital and tech industry is full of fantastic career opportunities for everyone, and you may be surprised by how varied it is. In this badge, you will explore a range of digital careers across 5 subsectors & take a quick quiz to see which jobs may be the best match for you!



## DIGITAL PATHWAYS

5 points



Are you interested in working in tech but aren't sure how to get started? Whether you or someone you know is considering a career in tech in Ireland, the UK or globally, this badge will set out some of the opportunities, pathways and benefits in tech, as well as ways to overcome potential challenges.



## DIGITAL PORTFOLIOS

8 points



Creating a digital portfolio is one of the main ways people can showcase their achievements to potential employers. Use this masterclass to get yours to the top of the pile.



## DIGITAL RESEARCH

20 points



Fast track your way to being a digital ninja by using these tips and tricks for finding stuff out online. You'll learn how to take short-cuts in Google which save time and effort - AND help you make sure your research is accurate.



## IMAGE SPECIALIST

10 points



There's a real art to making images look brilliant - whether it's on posters, book covers, adverts, packaging or websites. This 'day in the life of a digital image specialist' covers everything from picking the right pictures to using them well.



## INTERVIEWS

8 points



You will likely go through the interview process many times in life, whether it is for a job, placement or programme. Learn about the different types of interviews (virtual or in-person) and discover tips and techniques for success!



## MATHS TOOLS FOR AI

15 points



Have you ever wondered what enables robots to think like humans or how cars can drive themselves without human assistance? It's not magic, it's mathematics! In this badge, learn why mathematics is important for understanding AI and discover some of the basic maths tools used.



## PROBLEM SOLVING WITH AI

12 points



You could use AI to solve problems & make a positive impact within your community & the world. In this badge, we will explore ways to identify problems that you could solve with AI, & learn about how AI was used to solve the Kimchi Crisis.



## PROJECTS

8 points



Effective project management is key to success in business. Learn how to drive your projects to a brilliant finish.



## RANDOM CODING

20 points



Everything from game design to music streaming can be enhanced by using the secret art of randomness. Find out how to trigger great experiences using number generators!



## SYSADMIN

10 points



Fast becoming one of the key roles in computing, systems administrators work forensically to troubleshoot webpage errors and get websites up and running.



## USER EXPERIENCE

10 points



Fantastic websites and apps are designed by thinking carefully about the people who will use them. Find out how the best web developers do this so you can put their techniques into practice yourself.



## USER INTERFACES

10 points



All of us use apps and websites every day, some of which we love, some of which just aren't very good. Learn how to design really brilliant online experiences which look great.



## WHAT IS AI?



10 points



AI is a broad area of computer science that makes machines seem like they have human intelligence. Humans are the most intelligent creatures that we know of so this makes AI both exciting and concerning, but why? Find out in this badge!



## WORKING FROM HOME

5 points



Working and learning digitally from home is becoming more and more common and it is important to find ways to stay healthy, productive and effective when doing so. In this badge, you will learn some tips for setting up your workspace, digital tools for communication and collaboration, learning styles to help you engage as well as time management and productivity techniques.

# MAKER BADGES

iDEA Maker Badges are all about digital creativity and show you how to build and make in the digital world. Learners need to win a minimum of 50 points in this category to achieve their Bronze Award.



## AI PROJECT CYCLE

10 points 

AI has great potential to transform society & you can create an AI project of your own, but how do you get started? Learn about the 6 stages of the AI Project Cycle, the 4Ws Problem Solving Canvas, and discover techniques to acquire & visualise data.



## ANIMATION

10 points 

Fancy working in the gaming or video industry? Start here by getting to grips with animation tips and tricks. See if you can make a superhero animate!



## AUTOMATION

20 points 

Life hacks are smart ways to use tech and make everyday life easier. Find out more about algorithms, variables and the Internet of Things to start making your own life hacks.



## CODING SOLUTIONS

10 points 

Learning how to troubleshoot effectively is one of the key skills web developers need to acquire. This badge helps you learn how to analyse and fix errors in code.



## COLOURS

10 points 

Anyone who wants to do anything in digital needs to do this badge. Colours might seem a simple topic but they affect everything we do - colours speak all languages. Using them smartly will put you in a different league.



## GIF MAKING

8 points 

GIFS are file formats that have superpowers to store and animate multiple images. Learn how they work and how to make them.



## GRAPHIC DESIGN

10 points 

Eye-catching visuals can make or break a project. Get the inside track on graphic design and find out how to make words and pictures work across any media.



## JQUERY CODING

15 points



You'll learn how to combine coding in jQuery (a clever interface library) with HTML (a markup language) and CSS (which makes web pages look great) so you can make animated images.



## JUNIOR WEB DESIGNER

10 points



This 'day in the life of a web designer' introduces you to the role of a web developer using a 'bootstrap framework' - a free resource which provides lots of templates for making fantastic websites.



## LOVE METER



2 points



Develop your love of coding by learning how to programme a "love meter". You don't need to have a BBC micro:bit to do this, just a good sense of humour.

*Currently being refreshed*



## MAKING WEBSITES

10 points



Having an online presence is becoming increasingly important for businesses, products and services. Find out how to make a website and set up a blog with this easy-to-follow guide.



## SNOWFLAKE



2 points



Take your first steps into coding animations with this fun and easy snowflake-maker. You don't need to have a BBC micro:bit to do this introduction to program simple pictures.

*Currently being refreshed*



## SORTING HAT



2 points



In homage to Harry Potter and the Cursed Child, we bring you a game you can code to magic up a Sorting Hat. With or without a BBC micro:bit, learn how to program and 'let the Sorting now begin'.

*Currently being refreshed*



## VIDEO EDITING



10 points



Making your own films can be a lot of fun - and tech these days means it's easy to create video content. Learn the craft of editing to hone your video storytelling skills like YouTubers do.



## VIRTUAL REALITY



8 points



The magic of immersion - Virtual Reality can transport you into any scenario. This introduction opens up the amazing world of VR, how you can use it and how you can make it!

# ENTREPRENEUR BADGES

iDEA Entrepreneur Badges help you learn how to originate ideas and bring them to life. Learners need to win a minimum of 50 points in this category to achieve their Bronze Award.



## ADVERTISING

10 points 

What is advertising and how does it work? From the very first advert to the way businesses promote products and services now – find out how to make an impact in today's digital world.



## BIG DATA

8 points 

The term 'Big Data' is something we are generally familiar with – but what does it mean, why do we need it, and how should we use it? The challenges and opportunities are – not surprisingly – vast. This fascinating introduction covers the history of Big Data and reveals the incredible range of applications it has – today and for the future.



## BLOCKCHAIN

8 points 

Blockchain technology has been around for some time now, and it's beginning to transform the way a number of sectors operate. But what is blockchain, and how do crypto currencies work? Pick up the basics here, and get a downloadable jargon buster.



## CRM

10 points 

It's no good having a wonderful product if you can't tell anyone about it, help people if they get stuck or look after the needs of your clients. Learn how CRM techniques affect your ability to sell things and get some tips for providing excellent service.



## GROWTH HACKING

8 points 

Growth hacking is finding clever ways to get people talking about your business. Think of it like marketing for the digital age – this badge is a vital introduction for any budding entrepreneurs.



## GROWTH MINDSET

5 points 

Do you have a growth mindset or a fixed one? Do you believe that intelligence and abilities can be developed or are they static qualities that you are simply born with? Try this badge to find out what a growth mindset is and how developing one can make your brain smarter and stronger!



## IDEA INFLUENCER

10 points



Becoming an entrepreneur takes self-belief and inspiration. It also takes grit, determination and hard work. Helping people understand your product or service and getting them excited about it is a core enterprise skill. This badge helps you put some of this into practice. Successfully encourage five new people to sign up to iDEA and do their first badge to win 10 points. Social selling is integral to establishing and then scaling a business. By getting in touch with your contacts, you'll need to persuade, influence them and drive 'behavioural change'. In other words, what you do and say should encourage them to take action.



## IDEA INNOVATION

8 points



Entrepreneurs often try to come up with something new to stay ahead of the competition. Learn how to innovate effectively with a range of tools used by some of the most successful teams in business.



## IDEA JARGON BUSTER

8 points



One of the UK's most brilliant business leaders is Dragon Peter Jones. Anyone interested in business and enterprise needs to get to grips with the jargon people use and learn how to weigh up risks. Try this jargon-buster and business guide.



## IDEA MONEY MANAGEMENT

8 points



Pick up some tips and techniques to help you manage your money - from saving to investing to handling a budget. Learn too about how technology has changed the way we make transactions - do YOU know what a 'satoshi' is?



## IDEA PROBLEM SOLVING

5 points



Problem solving is a valuable life skill. It is highly transferable across a range of jobs and sectors, and vital in business. Discover some key principles which are useful to apply when tackling problems, and learn about some great real-life examples of problem solving by companies including Spotify, Amazon and PayPal.



## IDEA RESEARCHER

10 points



Researchers find out facts and figures and make great investigators. This 'day in the life of a researcher' helps you uncover details others might miss.



## IDEA SOCIAL MEDIA IN BUSINESS

8 points



One of the best ways of attracting attention to your product or service is to use social media wisely and well. You can build a loyal customer base and find routes to market. Discover which social media channels work best for different marketing challenges and how to use them effectively.



## SOCIAL SELLING



Social selling is all about learning how to change the way we sell by using the power of digital connectivity. Find out more about the people who use your products and services - and learn how to personalise your relationships with them.



## THE ART OF SELLING



If you've developed a product or service, chances are you will want to persuade people to use it. There are lots of diverse ways of finding routes to market, and several tried and tested methods that suit different situations. This useful guide introduces you to concepts you might not know, and helps reinforce some of the principles that work.

# GAMER BADGES

iDEA Gamer Badges help you learn gamification techniques and teach you how to make games.



## BAFTA GAME CONCEPT



Young Game Designers is an initiative by BAFTA that inspires and supports young people to create, develop and present their new game idea to the world. Learn here how to plan, develop, design, set difficulty levels, test and market your game idea!



## GAME DESIGNER



As a game designer, you are creative and intelligent and enjoy ever changing projects. This 'day in the life of a game designer' helps you earn your gaming stripes by showing how game mechanics influence gameplay. And get to design your own game!



## INTRO TO GAMING



The gaming industry generates more revenue than movies and music combined. Ian Livingstone is one of the world's most famous gaming entrepreneurs. Here, he offers an introduction to the world of gaming with some insights on how to get started making your own games.



## MAKE A GAME

5 points



Hone your logic skills with one of the world's best tech creator companies – Raspberry Pi. Code a game and learn some of the basics of Python, such as how to write loops, use random numbers and draw lines.



## PYTHON QUIZ

20 points



CoderDojo is famous for helping thousands of young people learn how to code. In this fantastic module, you can learn how to build a quiz in Python (a programming language) and at the same time understand some of the basics of coding.

# iDEA EXPERIENCE BADGES

These are badges we are making with partners to accredit their digital and enterprise learning events and experiences.

If a learner participates in a partner activity accredited by iDEA, they will be awarded a special badge, and receive a badge code. The learner can then use this badge code to receive points for that activity, acknowledging their participation and providing evidence of learning. Badges earned with Partners then appear in the Completed Badges section of the learner's iDEA Badge Store, and will be part of their individual Record of Achievement.

Any organisations who would like their activities accredited by iDEA can make a request by writing to [support@idea.org.uk](mailto:support@idea.org.uk).



# iDEA SILVER AWARD

iDEA Silver Badges are scenario-based challenges that help you learn digital, employability and enterprise skills.

Where Bronze is 'beginner' level, Silver is 'intermediate', so these badges will take longer to do and are harder.

With Bronze, there are 4 core categories but with Silver, badges are split into 5 core categories: Citizen, Worker, Maker, Entrepreneur, and Gamer.



Learners do not have to do Bronze badges before doing Silver badges, and it is not mandatory to complete the Bronze Award before starting the Silver Award.

iDEA recognises you might be a subject expert in one area of the digital world but have gaps in your knowledge in other areas.

Bronze badges are therefore designed to introduce you to skills, knowledge and information which will help familiarise you with different topics and help you feel more confident.

Silver badges require you to be more resourceful and are significantly more challenging. iDEA advises learners and Organisers to tackle Silver after you feel you have mastered the basics.

The Silver curriculum introduces you to progressively more challenging tasks based around one unfolding scenario, known as a Quest. At launch, Silver has one Quest per category. More Quests will be developed in the future.

The Silver badges can be stopped, started and revisited to help you hone your learning, and develop enterprise skills. Some of the tasks are quite difficult and will test your resilience and perseverance. They have been designed that way to help build employability and life skills. If you get stuck, think through whether there might be another way of tackling the task. Problem solving is key to the Silver Award and its pedagogy.

There are three badge levels within each Silver category. You unlock access to each badge as the Quests develop.

You will need 100 points to complete each category. First you have to complete Foundation to unlock access into Activation; then you will need to complete Activation to unlock access into Resolution.



Foundation is worth 20 points, Activation is worth 30 points and Resolution is worth 50 points.

When you win a Silver badge, a star will be added to that category's shield and you will earn points towards your Silver Award.



Additionally, a section of that category's mini shield on your progress bar will be filled in.

To win the Silver Award you will need at least 400 points and to have completed 4 of the 5 categories.

The Citizen category is mandatory in the Silver Award.

You can choose which 3 out of the 4 remaining categories you want to do, or even do them all to qualify as a Silver Award Star.



## CITIZEN SILVER BADGES

iDEA Citizen Badges help you learn digital awareness, safety and ethics.

You must complete Foundation before starting Activation and you must complete Activation before starting Resolution.



### FOUNDATION

20 points

Gain access to the iDEA Digital City by earning your cyber passport, training in digital citizenship and developing awareness around cyber responsibility and digital ethics.



### ACTIVATION

30 points

Explore the iDEA Digital City and discover your digital tattoo. Find out how to protect your digital footprint by safeguarding your data and learning how to operate safely and securely online.



### RESOLUTION

50 points

Learn about malware, privacy, the 'billboard test', safeguarding your online presence - and the logic around sanitising your data. Download a jargon buster to help you remember how to stay safe and be an iDEA Digital Citizen.

# WORKER SILVER BADGES

iDEA Worker Badges teach you tools and techniques which are useful in the workplace, and employability skills.

You must complete Foundation before starting Activation and you must complete Activation before starting Resolution.



## FOUNDATION

20 points

As the digital detective, you are sent on a series of missions to discover employability skills and find out how different working environments function. Learn how to prioritise well, communicate effectively and develop a great mindset.



## ACTIVATION

30 points

Explore the digital city skyscraper further and learn how to plan your time, develop research skills and find out how to present information in different, useful ways. You will also get to play with the planets and hone your ability to think laterally and solve problems



## RESOLUTION

50 points

Investigate the secrets of employability to complete your mission. Try out web design and work in a social media company to deepen your problem solving skills, use your creativity, and test your resilience.

# MAKER SILVER BADGES

iDEA Maker Badges are all about digital creativity and show you how to build and make in the digital world.

You must complete Foundation before starting Activation and you must complete Activation before starting Resolution.



## FOUNDATION

20 points

Explore the iDEA Makerverse and start collecting the skills points of the maker worlds you visit. Find out the tools you need and start discovering the secrets of image manipulation, colours, pixel art, 'nearest-neighbour interpolation' and 'dithering'.



## ACTIVATION

30 points

Next stop in the Makerverse is the coding and engineering part of your journey. Learn some core coding syntax (in this case JavaScript) where the logic can be applied across coding languages; and pick up 3D modelling and AI skills.



## RESOLUTION

50 points

Use HTML and PHP to code a planet's ecosystem and make it habitable. Hone the skills you've developed to make a website, deploy robotics and unlock points to become a Digital Adventurer.

# ENTREPRENEUR SILVER BADGES

iDEA Entrepreneur Badges help you learn how to originate ideas and bring them to life.

You must complete Foundation before starting Activation and you must complete Activation before starting Resolution.



## FOUNDATION

20 points

This is your chance to earn your iDEA Motivational Business Adventure (MBA). Discover the core traits of an entrepreneur and learn how to navigate the business jungle to solve real problems in real time.



## ACTIVATION

30 points

Hone your team building skills and learn leadership techniques like the RACI framework. Discover the surprising truth about what motivates us, and find out why agility and adaptability matter in business.



## RESOLUTION

50 points

Develop and take a product to market and learn how to overcome obstacles as they arise. Find out how to develop a pitch, create a business plan and roadmap, raise investment and take on competitors.

# GAMER SILVER BADGES

iDEA Gamer Badges help you learn gamification techniques and teach you how to make games.

You must complete Foundation before starting Activation and you must complete Activation before starting Resolution.



## FOUNDATION

20 points

Start your journey to become a Digital Architect by experimenting in the iDEA Imaginarium. Find out why the games industry matters and the range of skills and jobs in gaming. Discover the gaming timeline and find out if your perceptions about gaming are accurate.



## ACTIVATION

30 points

Get to grips with Motion Capture, education in gaming, and the major categories of the gaming world. Then experiment with your own IDE (integrated development environment) to make games yourself - and download a jargon buster.



## RESOLUTION

50 points

Learn about staying safe in gaming and have a go operating a virtual reality environment in the iDEA Imaginarium. Finally get put through your paces at Bootcamp to pull all you've learned about physics, gameplay, simulation and coding together to pass the Gaming Gateway.

# SHOWCASE YOUR ACHIEVEMENTS

iDEA has developed a Record of Achievement on the platform, to enable learners at any point in their learning experience to download, print and share their achievements to date.

You can do this as often as you like before or after you get your Award. This means you will be able to showcase your hard work in a verifiable certificate whether you have earned two badges or fifty badges.

This will be particularly useful for job seekers, apprentices, students and anyone making a personal statement for an application, going to an interview, or needing to prove what they've accomplished.

You can use your Record of Achievement to demonstrate the skills, information and knowledge you have gained at Bronze level, Silver level or both. Just go to your 'completed badges' section on the Badge Store.



iDEA has created a personal verification number for each and every participant so that when they share their Record of Achievement, iDEA can validate their progress to date with any future employer or learning institution who requires verification.

Visit [iDEA.org.uk/about/roa](https://www.idea.org.uk/about/roa) and input the verification number into the box or click the link if someone sends it to you.



Verification Number

VALIDATE

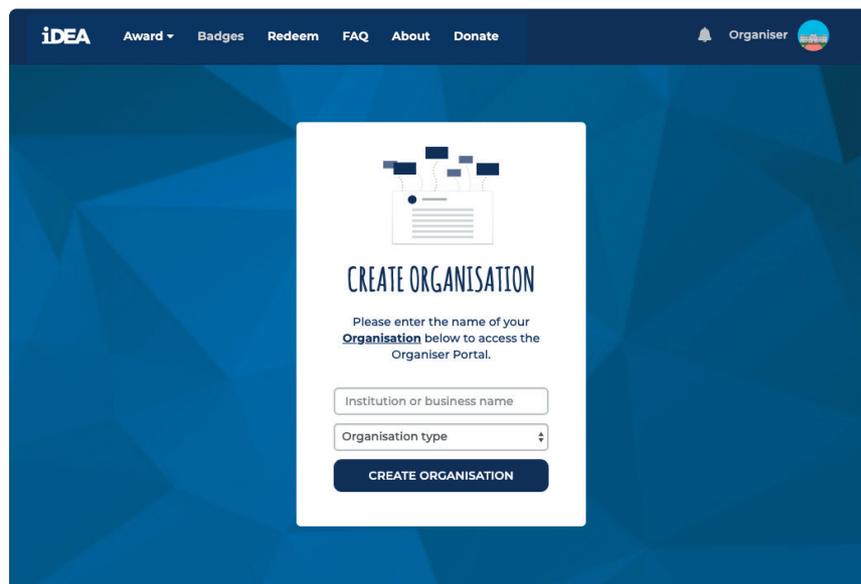
All online modules on iDEA (known as 'badges') have meta-data which helps you see the sorts of skills, information and knowledge a person has acquired on each module.

# ORGANISING LEARNERS

The iDEA Organiser Management System (OMS) allows you and your colleagues to register your Organisation, set up your own Organiser Code(s) which help you to track learner progress and you can set up a postal address for your learners' certificates.

Your Organisation can have as many Organiser Codes as you like – cohorts can be as small or as large as you need.

We hope you will find the OMS intuitive and easy to use but please contact us via the website if you would like any help.



The screenshot shows the iDEA website's 'CREATE ORGANISATION' form. The navigation bar at the top includes 'iDEA', 'Award', 'Badges', 'Redeem', 'FAQ', 'About', 'Donate', and 'Organiser'. The form itself is titled 'CREATE ORGANISATION' and includes the instruction: 'Please enter the name of your Organisation below to access the Organiser Portal.' There are two input fields: 'Institution or business name' and 'Organisation type'. A 'CREATE ORGANISATION' button is located at the bottom of the form.

# iDEA



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EDUCATION FOR ALL



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FREE RESOURCES WHICH ARE EASY TO USE  
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