



## What's it all about?

Cornwall is playing a huge role in national efforts to tackle climate change. Did you know that around 40% of Cornwall's electricity now comes from renewable resources and we are aiming to make that 100% by 2030? That means we would be carbon neutral, no longer relying on fossil fuels. Our county has a wealth of renewable energy sources - power produced by natural resources that can't run out - including wind, geothermal, solar photo voltaic (panels), biogas and wave power. 'Green careers' are going to at least double in the next few years and so there will be lots of exciting jobs for you in renewable energies when you join the world of work.

## Jobs in Renewable Energy

Incredible innovations are leading to an explosion of clean energy jobs in Cornwall! We are leading the first two geothermal projects in the UK, have the first council which has developed its own solar farm and have installed a 'smart grid' wind turbine taller than Truro Cathedral! Look at just some of the roles *you* could choose...

### Solar Photo Voltaic

- Engineer
- Electrical Technician
- Solar Panel Installer
- Solar Site Surveyor
- Quality Control
- Material Scientist
- Software Engineer

### On/Offshore Wind

- Wind Turbine Engineer
- Design Engineer
- Electrical Technician
- Environmental Scientist
- Geophysicist
- Oceanographer
- Installation Manager
- Training Coordinator

### Geothermal

- Geologist
- Hydrogeologist
- Data Scientist
- Chemist
- Geochemist
- Engineer

### Biomethane

- Engineer
- Electrician
- Electrical Engineer
- Physicist/Chemist/Biologist
- Site Surveyor
- Lagoon Designer
- Gas Systems Installer
- Delivery Driver

### ... And all of these renewable energy companies need:

Operations Managers - Finance Teams - Data Analysts - Customer Services Advisors - Digital Marketers  
Communications and Media Officers - Sales Managers - Project Planners - Health and Safety Managers -  
Human Resources Managers - Legal Teams - Community Outreach Officers

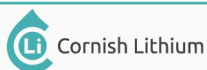
## EXPLORE SOME MORE

Did you notice that Engineers are needed to make *all* of these renewable energies possible? They design, test, create, construct, operate, maintain and repair machines, structures and codes. They use maths, science and creativity to solve problems and drive the kind of innovations we are seeing in Cornwall. We'll need lots of people like you to be the Engineers achieving our zero carbon future. Learn about different types of engineers, take a quiz and watch some short films [here](#).

## Where could I work in Renewable Energies in Cornwall?



GEL created Cornwall's first geothermal site at United Downs, near Redruth. They drilled 4.5km deep into natural cracks in the hot granite rocks underneath our feet where the water is extremely hot. The liquid brought to the surface at 175°C will drive turbines to create electricity that can supply the national grid, 24 hours a day! Unlike wind and solar energy it doesn't depend on the weather or time of day to work and has a small 'footprint' on the landscape. GEL's research and testing has been very successful and there will be many more future jobs in geothermal for motivated young people with a passion for zero carbon energy sources. **Find out more** by watching *Miss Molecule's Geothermal Mission* and GEL's other short films [here](#) and explore more about what GEL are doing [here](#).



By the time you are learning to drive, the ban on new petrol and diesel cars will be in place. What will power *your* car? Probably a lithium battery. Lithium is currently not available in the UK; we import it from other countries and the way it is mined and transported can be harmful to the environment. Cornish Lithium are using geoscience and engineering to research and develop ways to extract lithium from geothermal waters and hard rock in Cornwall in a way that is kind to the environment. They have found that we have plenty of good quality lithium under our feet and in ten years time there will be lots of roles in lithium extraction for local talent like you. **Find out more** in our short films on the Careers Hub Primary webpage, *Exploring Clean Energy\_Lithium Extraction*



Bennamann takes 'waste not, want not' to a whole new level! This Cornish company captures emissions from animal waste to create renewable gas and fuel called biomethane. The clever 'Bennamann Cycle' collects cow poo into a covered lagoon and then uses specially designed technology to process it into methane which can be used to fuel vehicles, heat houses and even run cookers. A whole farm's energy needs can come from its own cow poo and the complete cycle is totally carbon neutral because it stops harmful methane entering the environment! Bennamann is the only company in the whole of the UK to produce a complete clean energy cycle in this way. Because they are so unique they are growing really fast and will need your skills in the future. Learn about Bennamann's story and capturing methane through Bennamann's short films [here](#).



Did you know that Cornwall is officially the sunniest county in the UK and its sunshine and mild climate make it the perfect place for generating renewable energy from solar panels? Solar cells, like those you might see on your calculator, make up the panels that you see on roofs of houses, solar farms and even satellites and they turn light energy from the sun into electrical energy. There are a number of Solar Panel companies in Cornwall who are working to help our county reach its carbon neutral goal by 2030. **Find out more** in our short film on the Careers Hub Primary webpage, *Exploring Clean Energy\_Solar*



Cornwall was the first county in the UK to install an *Onshore* Wind Farm, way back in 1991 and you are probably used to seeing wind turbines when you are out and about. These are often owned by national and multinational developers, but there are local jobs in installation and maintenance with companies like Vattenfall (Penzance) and Natural Generation (Newquay). When you start work there will be hundreds of jobs in Floating *Offshore* Wind and skilled workers such as Engineers and Environmental Scientists will be in *very* high demand along with technicians who can install, monitor and repair. There will be many employers heading to Cornwall in the next 10 years, but two that will definitely be employing people like you are called [Hexicon](#) and [Simply Blue](#). So watch out for them and other companies! **Find out more** in our short film on the Careers Hub Primary webpage, *Exploring Clean Energy\_Offshore Wind*

## How much could I get paid?

A new professional in clean energy can expect to earn around £28,000-£38,000 a year. The salaries get even better with experience so that a Senior Engineer, Scientist or Electrician could expect to earn over £50,000. People with lots of responsibility such as Site Engineers and Project Managers could earn more than £70,000.

## Where can I get qualifications?

If you have worked on STEM skills at school and college you will have a great foundation for a range of jobs in clean energy. After college, some people go to University to get a **Degree** and even a **Masters Degree** in subjects like Engineering, Mathematics, Robotics, Marine, Computing or Sciences, before they get a job in the renewables industry. You could study near home here;

<a href="#">Camborne School of Mines</a>	▷ Degrees in Geology, Geotechnics and Geoscience
<a href="#">Plymouth University</a>	▷ Degrees in Engineering, Offshore Renewables and Marine
<a href="#">Exeter University</a> (at Penryn)	▷ Degrees in Sustainable Energy and Renewable Energy Engineering

You don't need a degree to work in this sector. There will be a huge demand for technicians with transferable skills in electrical, engineering, maintenance and marine. Some local routes include;

<a href="#">A&amp;P Falmouth</a>	▷ Apprenticeships in Electrical Engineering, Marine and Mechanical Engineering, Machining and Fabrication and Welding, I.T., Finance and Business Administration
<a href="#">Penzance Dry Dock</a>	▷ Apprenticeships in Marine Engineering and Fabrication
<a href="#">Cornwall College</a>	▷ Certificates, Diplomas and Foundation Degrees in practical Engineering
<a href="#">Truro and Penwith College</a>	▷ A huge range of academic and practical courses in Engineering, Manufacturing & Digital

## What skills do I need?



## SKILLS CHALLENGE

Look at the top skill in each box. Can you think of a time when you used these skills at school during lessons, break times or clubs? Or perhaps you've used them in activities you do outside of school? Now pick one other skill you already have and think of some advice to give a friend or someone in your family who would like to develop that skill. Trade your advice for some advice from a friend or family member on a skill you would like to work on. Write or record a plan;

- Decide on how you will develop that skill; think of two or three ideas.
- How long will you give yourself to achieve your progress?
- How will you know when you have reached your goal?

Perhaps you could collect all your plans together and make a goals display at home or school?



## What's it all about?

There are around 200 different job types in the Construction Industry and over 30,000 people in Cornwall work in the sector. But it's not all about building and it's not just for men; more women are joining the industry and employers want to make sure people from all backgrounds have opportunities in construction. You could design buildings, survey land, estimate costs, be in charge of a budget, communicate between teams, talk to the public, build and construct, monitor health and safety and even more. Whether you like numbers, designing, crafting or organising people, there is definitely something for everyone!

## Jobs in Construction

What could *your* place in the Construction sector be? There are too many jobs to list here, but these are some of the most common roles you could train to do...



...and when you join the world of work there will be new jobs in construction that don't even exist yet. There might be roles for programming smart machinery, managing the carbon footprint of a project or creating green building resources through recycling or 3D printing.

## EXPLORE SOME MORE

Watch the videos *Exploring Construction* on the Careers Hub Primary Webpage and find out about some different jobs you could do in Cornwall. You can find out more about these jobs and many others here <https://www.goconstruct.org/educational-resources/interactive-construction-site>. Walk your avatar through the construction site to find out about different job types, watch short films along the way and learn about the skills you need. Why not choose a role to explore in detail and create a poster or leaflet? You could work with friends or family and make a group display of different construction roles and skills. You could get really creative and make it 3D!

## Where could I work in Construction in Cornwall?



Kier Group work all over the UK and have lots of jobs in the South West and Cornwall. They do more than just building; they work in Construction, Highways, Infrastructure and Utilities. For example, Kier...

- design, build and upgrade schools, leisure centres, health centres and hospitals,
- design and look after bridges and tunnels and 27,000 kilometres of road,
- look after 3,200 miles of canals and rivers in England and Wales,
- look after 350,000 km water and sewerage pipes getting water to 16 million houses!

So there are plenty of jobs that will need motivated and talented people like you in the future. Kier are working hard to be kinder to the environment and reduce their carbon emissions too; recently they made a bridge surface entirely from recycled tyres! If you would like to learn while you work, Kier have lots of apprenticeships in trade, technical, design and management roles. **Find out more** in our short films on the Careers Hub Primary webpage, *Exploring Construction* and **find more** detail about Kier [here](#) and Kier apprenticeships [here](#)



Persimmon are national housebuilding company that have lots of projects and jobs in Cornwall. They have apprenticeships at all levels in trade, technical and business roles so you can earn money while you work and get extra support from college. They are also working really hard to achieve gender equality and 27% of their employees are women, which is higher than the national average and great progress towards better diversity in the building sector. Did you know the building sector has an 'ageing' workforce? When you finish school or college, there will be a great demand from housebuilding companies like Persimmon for motivated young people like you to replace retiring professionals and there are lots of opportunities for progression if you are willing to keep training and learning. **Find out more** [here](#)



Coastline Housing's head office is in Redruth and they employ over 300 people. It is a not-for-profit housing association and they build affordable homes for local people to buy and rent. Did you know that in many areas of Cornwall, a house costs more than 11 times an average salary (a salary is the money someone earns for a full year of work)? Coastline housing are trying to solve this problem and build new homes in Cornwall to help families find a home that they can afford to live in. There are lots of different jobs at Coastline because they don't just build houses, they manage around 5000 of them as well; this means they look after and repair houses that people rent from them. So as well as trade jobs (such as Plumbing, Decorating and Roofing), Project Design and Leadership roles, there are well paid jobs as Maintenance Officers, Housing Officers and Tenancy Managers where you get to work with a community of people. You could even be a Data Analyst and use maths skills to help the company make big decisions. Coastline offer apprenticeships too, so you can work and learn on the job and spend some time at college.

## How much could I get paid?

In Cornwall, there is a shortage of Plumbers and Carpenters which means pay in the county is higher than the national average at over £35,000 a year when you have good experience. Electricians can earn up to £40,000 while other trades, such as bricklayers, roofers and decorators earn between £20,000 - £25,000. Jobs in construction management and design can be very well paid, at over £50,000, including roles such as Quantity Surveyor, Civil Engineer and Architect.

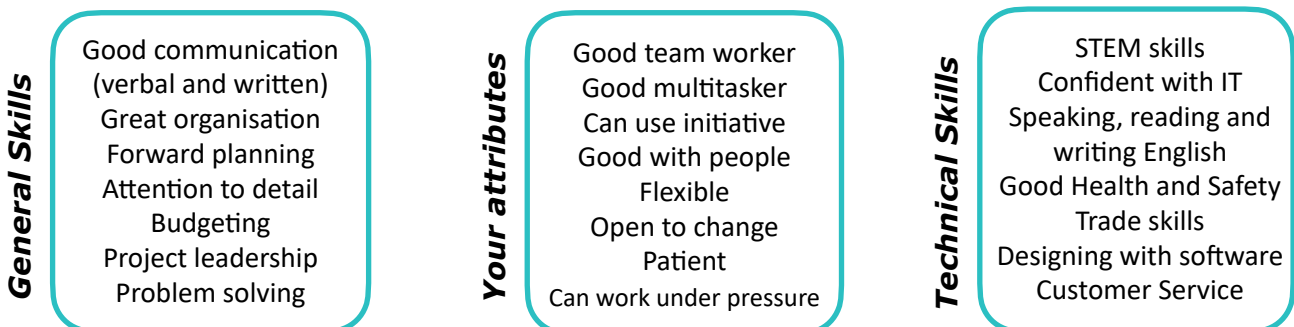
## Where can I get qualifications?

Construction is a great career option if you want to get into working life straight after school or college. The career paths into construction are as varied as the jobs available - you can do many of them through work experience, apprenticeships and college courses such as the new T levels. For example, you can become a Quantity Surveyor through an apprenticeship or a university degree. If you have worked on STEM skills at school and college you will have a great head-start for a range of qualifications that could lead into construction. Here are some local routes into the sector;

<a href="#">Truro and Penwith College</a>	<ul style="list-style-type: none"> <li>▷ T Level Onsite Construction</li> <li>▷ T level Design, Surveying and Planning</li> </ul>
<a href="#">Cornwall College</a>	<ul style="list-style-type: none"> <li>▷ Level 1, 2, 3 and 4 Trade Apprenticeships, Certificates and Diplomas</li> </ul>
<a href="#">University of Plymouth</a>	<ul style="list-style-type: none"> <li>▷ Level 1, 2 and 3 Trade Apprenticeships, Certificates and Diplomas</li> </ul>
<a href="#">University of Exeter</a>	<ul style="list-style-type: none"> <li>▷ Degrees in Construction, Project Management, Building Surveying, Quantity Surveying, Civil Engineering, Architectural Engineering, Architecture, Planning, Interior Design, Digital Design and Engineering</li> </ul>
<a href="#">Kier and Persimmon</a>	<ul style="list-style-type: none"> <li>▷ Degrees in Civil, Mechanical and Electrical Engineering, Business and Finance</li> <li>▷ A huge range of Apprenticeships and funded Degree opportunities</li> </ul>

And all of these qualifications give you great ‘transferable’ skills that will be *also* be in demand in Clean Energy roles when you join the world of work. You will have plenty of jobs to choose from!

## What skills do I need?



## SKILLS CHALLENGE

Exercise your problem solving, initiative and team work skills. Can you construct a tower using dried spaghetti and something sticky (e.g. marshmallows, sellotape, glue, blue tack) that is strong enough to hold a potato? The potato can go anywhere except the bottom of the tower. Work in a team with family or friends. After your build, you can compare it to other towers if you are in class. What techniques or structural designs worked best? What was the biggest problem? What other materials could you use? Create an improved design combining strengths from different towers.

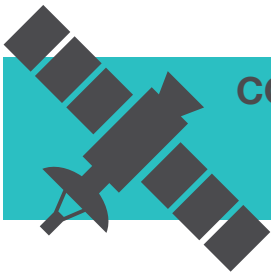


### A LITTLE ADVICE...

“Don’t get knocked down if you don’t find something that you love straight away. You might have to try a few different roles before you find the perfect job but there are companies out there that enjoy finding talent and then helping and guiding you into being the best you can possibly be. There’s lots of opportunities to choose from, so if you’ve got a passion or interest in something then go for it and there will always be a role for you somewhere in Cornwall!”

**Vicky Preston** Electrical Contracts Engineer, Totus Engineering





# CORNWALL PRIMARY CAREERS EXPLORER

## Data and Space

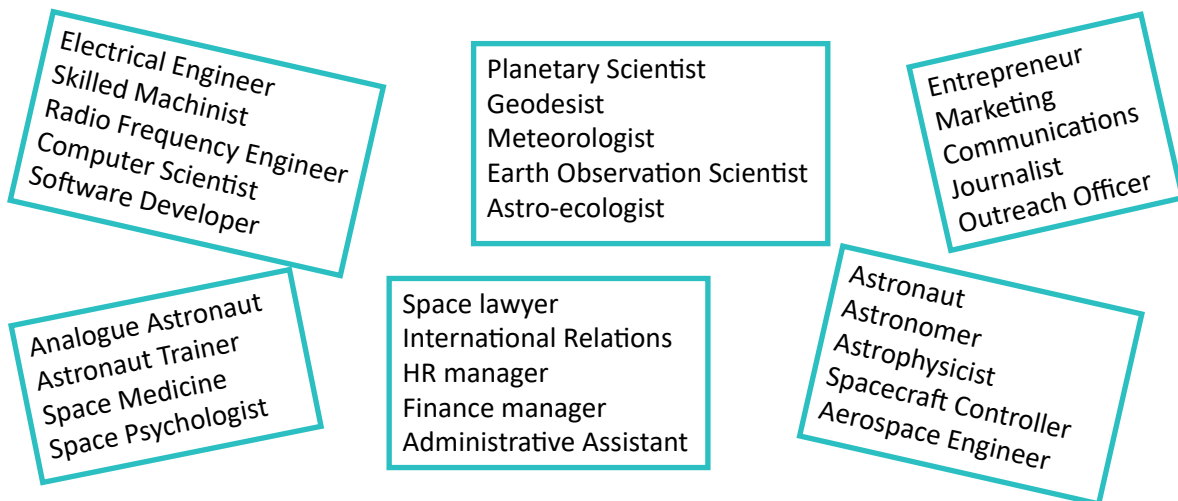


### What's it all about?

There are so many different careers in the Space Industry and it is growing *fast* in Cornwall! Cornwall is the new hub of space activity in the UK. Did you know you can now even train to work in this sector without leaving Cornwall? There are over 100 space companies in Cornwall and when you leave school there will be lots of employers looking for young people like you with different skills and talents to fill jobs in the space sector, some that don't even exist yet!

### Jobs in Space

What could *your* place in the space sector be? It's not all about astronauts! In fact, there are only about 15 astronauts in the British Space sector. There are many other job types, far too many to list, but here's just a few of them:



### EXPLORE SOME MORE

You can research these space roles and more by exploring the job profiles on the Space Careers website [here](#). Find a job you would like and fill out the application form on Page 4. Think about how your skills, interests and experiences would make you good at the job and give some examples to prove it!

### Up or Down! Did you know that the Space Industry is split into **Upstream** and **Downstream**?



Upstream is about sending objects into space and space exploration. **Spaceport Cornwall** sends Virgin Orbit rockets into space to carry satellites into lower Earth orbit. One of these satellites is proper Cornish - the Kernow Sat 1!

Downstream uses data (the things we find out) from objects such as satellites to benefit life on Earth. Cornish Lithium are using satellite data to find the best places to extract lithium without damaging the beautiful Cornish environment.

## Where could I work for Data and Space in Cornwall?



This company based at Cornwall Airport Newquay is weeks away from launching the first Virgin Orbit rocket and its satellite payload into space from the UK. The UK is expert at making satellites but until now has had to send them overseas to launch them. Cornwall is now going to horizontally launch a 21 metre rocket into space, from under the wing of a 747 aircraft, which will carry satellites into lower Earth orbit. Once the first successful launch is completed, Spaceport aims to launch around twelve rockets each year, all carrying important payloads! In just a few years time there is going to be nearly 400 new jobs created by Spaceport and people with skills in data processing, software and engineering will be in huge demand! **Find out more** in the short film on the Careers Hub Primary webpage, *Exploring Data and Space\_Space Careers* and watch Melissa Thorpe, Head of Spaceport [here](#).

### Blue Abyss

Along with the exciting rocket launches at Newquay, there will be a new Aerohub Business Park where space businesses can work together to create a thriving Cornish industry. Blue Abyss has already moved in and is building the world's biggest, deepest pool where people can train to be commercial divers, test underwater robotics and even train as astronauts! It will simulate extreme environments in a way that is safe and its deepest part will go down to 50 metres! It aims to open in 2023 and will create around 160 jobs in the future that could employ local people with good STEM skills like you! **Find out more** on Blue Abyss' YouTube channel [here](#).



The famous dishes at Goonhilly Earth Station near Helston have been around since 1962 and were the beginning of modern satellite communications. Did you know that 'Arthur', the famous 26 metre satellite dish, captured the live pictures of the first manned moon landing in 1969? But it's not just about history, Goonhilly is leading UK deep space communications, radio astronomy and space science. The station supports communications for ESA space missions and is involved in the communications for NASA's Artemis mission which will take humans back to the moon. It is also using 'Merlin', the largest antenna, to track a Mars Rover and will soon track the rocket launches from Spaceport. Goonhilly can even manoeuvre, measure and get data from space craft and satellites. Next door to Goonhilly is a company called Avanti who work in satellite communications and have their own satellites in high orbit - over 20 thousand miles away from us - that communicate with the antennae in Helston. Both Avanti and Goonhilly offer apprenticeships with Truro and Penwith College. At Goonhilly you can also do work experience weeks and summer schools once you get to secondary school: so you can get an early taste of Cornwall's Data and Space future!



Now Cornwall's 'Race to Space' is well under way, designing, manufacturing and engineering parts for space equipment will be big business! These two Cornish companies have been manufacturing for the marine, aerospace and defence industries for years (sometimes top secret equipment!) and will be very involved in the space sector. Flann Microwave make parts for military craft and space craft and offer Engineering apprenticeships and help with Diplomas and Degrees (find out more [here](#)). Piran Composites combine materials to make light, strong structures used in marine, defence, aerospace and space! They can make parts for rockets, satellites and launch vehicles and you could learn how to do that too because they offer apprenticeships for Composite Technicians! If you concentrate on English, Maths and Science or Technology at school, you could be a future space apprentice! Piran Composites also help people on the Truro and Penwith College space training courses to complete their work placements.



## How much could I get paid?

At least £49,000 each year... and if you think only Engineers and Scientists get highly paid, you'd be wrong: people who work in Business and Management jobs for space companies can make over £60,000 each year!

## Where can I get qualifications?

There are no 'perfect' routes into the space sector and a lot of people working in Data and Space in Cornwall started on a different career path. But if you already know you want to work in the space sector, concentrating on your STEM skills and subjects like Science and Maths at school and college will really help. After school and college, some people go to University to get a **Degree** and even a **Masters Degree** before they get a job in the Space industry, but there are also new exciting local 'vocational' routes - which means you can work while you learn:

### **Cornwall Space and Aerospace Technology Training** Truro and Penwith College

Level 4 Space Technology HNC  
Level 5 Space Technology HND  
Level 4 Space Engineering Technician Apprenticeship  
Level 6 Space Systems Engineer Degree Apprenticeship



## What skills do I need?

### **General Skills**

**Good communication**  
**Good with people**  
IT Skills  
Independent worker  
Problem Solving  
Organised  
Attention to detail

### **Your attributes**

Motivated  
Resourceful  
Enthusiastic  
Flexible  
Practical  
Willing to travel

### **Technical Skills**

**Developing software**  
Analysing data  
Knowing electronics  
Speaking, reading  
and writing English  
Second Language

## SKILLS CHALLENGE

The top three skills Data and Space employers are looking for are in bold. Does that surprise you? Which skills do you already have and which could you work on? Use the skills bank above and your research from Page 1 - *Explore Some More* - to complete the application form on the next page. Swap forms with a friend or family member. Can you interview each other for the jobs you chose?

## A LITTLE ADVICE...

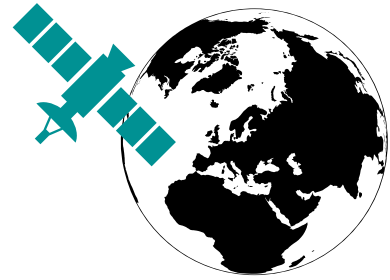


"You don't have to be amazing at Physics and Maths, don't panic! There are many routes in. Get involved in space, technology or science clubs. Don't worry about what others think - do what you love and meet people who like what you like. Say 'yes' to things because they might lead to something great...and keep an eye out for STEM events and competitions."

**Heidi Thiemann** Space Project Manager, Truro and Penwith College

# CSA

## Cornwall Space Academy



### APPLICATION FORM

JOB ROLE: \_\_\_\_\_

Why would you like to do this job?

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How does it link to things you are interested in or activities you enjoy?

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What skills do you have which would make you good at the job ?

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Can you describe any experience you have had that would help you to do this work?

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Doodle a picture of yourself doing this job ...

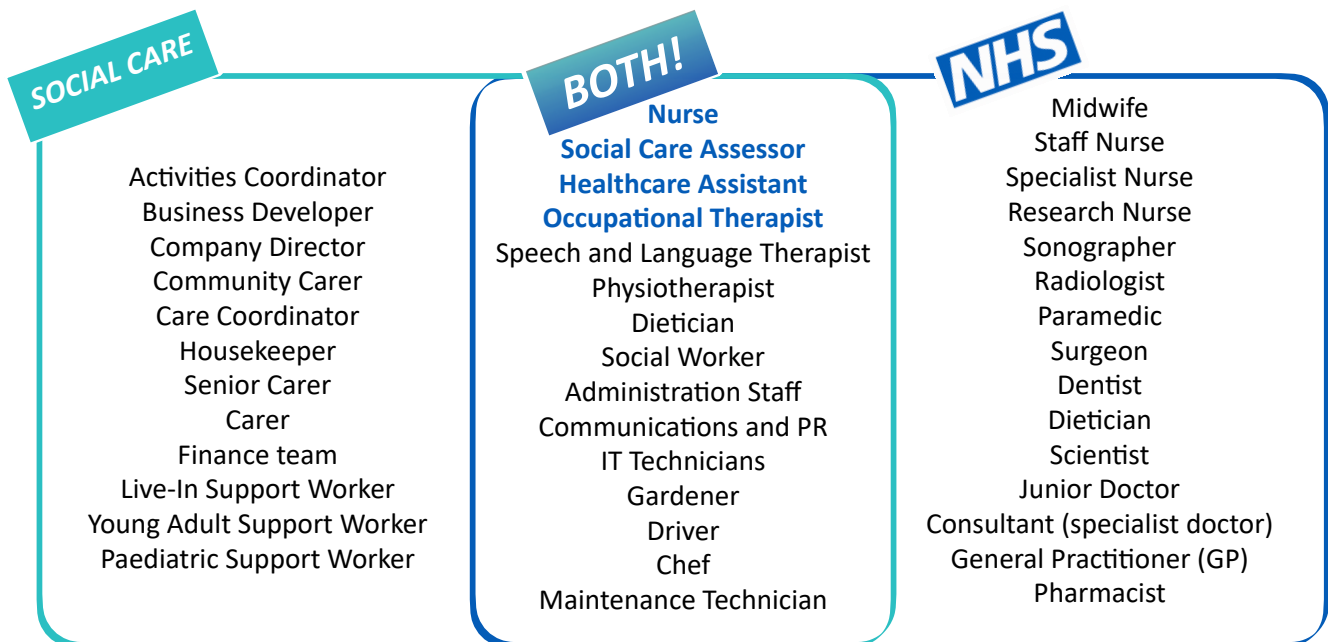


## What's it all about?

What are the first jobs that jump into your mind when you think about careers in Health? And careers in Social Care? Our journey through the pandemic has brought us much closer to understanding the incredible work these professionals do in our community and we have seen lots of images in the media showing the dedication and kindness of frontline healthcare workers. The word 'superhuman' has often been used to describe these people, but really they are normal people who go to extraordinary efforts and you could become one of them in the future.

## Jobs in Health and Social Care

Did you know that Cornwall's population is getting older? 25% of people in the county are over 65 and this means there is going to be a huge need for people to work in hospitals, clinics, care homes and the community. 20,000 people in Cornwall already work in Health and Social Care but we will need even more people by the time you join the world of work. It's not just Doctors and Nurses; look at just a few of the hundreds of jobs in healthcare;



## EXPLORE SOME MORE

Did you notice that a lot of healthcare professions can be done in *either* the NHS or Social Care? People needed most right now are Nurses, Healthcare Assistants, Therapists and Social Care Assessors. NHS Kernow are planning to make our health system work better by building mixed teams that work across hospitals and communities in the future. Great team workers will be more important than ever for our county's health service! You can research some of these jobs roles and more [here](#). Explore some job roles and scroll down to *Does this sound like you?* Can you find some jobs that fit with your skills and things you enjoy?

## Where could I work in Health and Social Care in Cornwall?

### CornwallCare

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Cornwall Care employ 1300 people in care and nursing homes across Cornwall to look after people who are unable to look after themselves at home. Their nurses and carers come from all across the country and work in teams to look after over 1000 people every day! And it's not just about getting poorly people out of bed; you can make a difference to peoples lives by befriending them or arranging fun activities and you will get to meet people who have amazing stories to share. You can even be a Chef, Gardener, Finance officer, IT technician and much more; there's something for everyone! Cornwall Care also have care roles 'in the community' which means you can help people to keep living their 'best life' at home by giving them the help they need to stay safe and happy. You can choose places all over Cornwall to work and you can train while you work to get a job with more responsibility and higher pay.



There are also many other care and community groups you can work for. At Carers Break you could do a really rewarding job working in the community, spending time with people in their own homes to help them with daily activities and personal care using a special support plan. DisAbility Cornwall and Isles of Scilly help people of all ages with illnesses and disabilities, and their families, to lead exciting lives. The Chaos Group provide lots of great community services; you could work within their Farm, Radio and TV station, Hairdressers, Food Hub, Digital Agency or Social Care Service to help people who are struggling a little with life - never a dull day! If you enjoy making new friends, have a kind heart and want a job that makes a difference *every day*, then Social Care could be for you. There will be a big demand for compassionate carers in 10 years time so you will always have plenty of job choices! **Find out more** from the short film on the Careers Hub Primary Webpage, *Exploring Health and Social Care\_A Carer's Day*, from the BBC [here](#) and from *Proud to Care Cornwall* [here](#).

### NHS Cornwall Partnership

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There are 10 NHS hospitals across Cornwall and the Isles of Scilly giving free health care to the 500,000 people who live in our County. Did you know that during the summer, when visitors come to Cornwall, our population increases to around 1,000,000 people and the professionals in our hospitals look after all these people as well? Our biggest hospital is Treliske, in Truro, and it is our only trauma hospital which means its staff looks after people when they are extremely ill as well as people who need some specialist help. We have great community hospitals too, there's probably one near where you live, and their staff help with lots of services like patching up our minor injuries, visiting poorly people at home, supporting our mental health and helping us get back on form after illness or injury. There will be lots of demand for talented health professionals to work in our hospitals, health centres, pharmacies, GP practices and dental practices when you join the world of work. You could train to do a *clinical* role which means you provide care to patients or you could train for a *non-clinical* role which means you would help hospitals and centres run smoothly or keep the buildings in good repair. **Find out more** from the NHS website for school pupils *Step Into The NHS* [here](#) and from the BBC [here](#).

## How much could I get paid?

Pay in the NHS varies depending on role, experience and qualifications but on average a Nurse will earn around £38,000 and a Doctor or GP will earn around £70,000. Other health professionals, such as Radiologists and Occupational Therapists can earn around £41,000. In Social Care, Carers earn around £10-13 per hour and Senior Carers can earn £19,000-£24,000 per year. Caring can be a career, not just a job, and if you want to progress in the industry, you could become a Manager or Director and earn between £30,000-£45,000.

## Where can I get qualifications?

To work in Social Care you need good literacy and numeracy skills and could do certificates, diplomas or apprenticeships at College or while you work. For example;

		SOCIAL CARE
<u>Truro and Penwith College</u>	<ul style="list-style-type: none"> <li>▷ BTEC Level 2/3 in Health &amp; Social Care</li> <li>▷ T Level Health</li> <li>▷ Foundation degree in Youth, Social and Community Studies</li> </ul>	
<u>Cornwall College</u>	<ul style="list-style-type: none"> <li>▷ Level 2 Apprenticeship In Adult Care</li> <li>▷ Level 3 Health and Social Care</li> <li>▷ Level 5 Apprenticeship In Healthcare Diploma</li> </ul>	

To work in the NHS as a Health Professional you will need a specialist certificate, diploma or degree. There are opportunities to do this close to home in the Royal Cornwall Hospitals Trust, Truliske School of Nursing or Plymouth University. For example;

<u>Truro School of Nursing (Plymouth University)</u>	▷ Nursing Degrees in Adult, Child and Mental Health
<u>Royal Cornwall Hospital Apprenticeships</u>	▷ Apprenticeships from Levels 3-7 ranging from Healthcare Support Worker to Occupational Therapist
<u>Peninsula Medical School</u>	▷ Degrees in Dental Surgery: Truro, Plymouth and Exeter
	▷ Degrees in Medicine and Surgery: Plymouth University



**What skills do I need?**

Different jobs in Healthcare require different skills and training, but there are some skills and attributes that will be important in *all* roles that you can work at in and out of school;

**General Skills**

- Great communication
- Diplomacy
- IT and Number Skills
- Great organisation
- Creativity
- Multitasking
- Problem solving

**Your attributes**

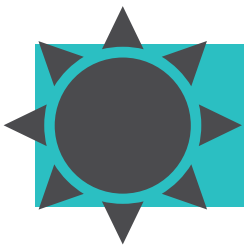
- Good Team and Independent worker
- Kindness and Empathy
- Positivity
- Can work under pressure
- Reliability and Flexibility
- Confidentiality
- Enjoy training and learning
- Adaptable
- Patient and Open-minded



### A LITTLE ADVICE...

“A role in care is very varied. There are definite attributes you would need but they are less about qualifications and more about personality and character. We look for people who have big hearts, generous spirits and are full of empathy. Someone who can put themselves in someone else’s shoes! You don’t have to have experience - if you’re the right sort of person, we can train you to be a Care Support worker in the community.”

**Reuben Jenkins** Director, Carers Break



## What's it all about?

The Visitor Economy is currently the biggest sector in Cornwall. Around 50,000 people work in tourism and hospitality to cater for a whopping 20 million visitors to our county each year. Did you know that Cornwall has been a popular tourist destination since the 1860s when the introduction of the railways made it much easier to get here? We are now one of the top UK tourist destinations; people come to visit our 400 miles of coastline, some of the best beaches in the country, incredible historic and natural environments and famous attractions such as the Eden Project, the Maritime Museum and the Tate St Ives.

## Jobs in the Visitor Economy

What could your place in Tourism and Hospitality be? It is not just a great industry for summer jobs, it can be *much more* than that. There are lots of career paths and training opportunities that you could take to build a fantastic career without leaving the county. There are too many job types to list here, but some examples are;

Commis Chef  
Chef de Partie  
Executive Chef  
Caterer  
Restaurant Manager  
Food and Beverage Buyer

Operations Manager  
Human Resources Manager  
Data Analyst  
Revenue Manager  
Customer Relations

Housekeeper  
Duty/General Manager  
Front of House Manager  
Day/Night Porter  
Maintenance Team

Events Coordinator  
Project Manager  
Heritage Officer  
Tour Manager/Venue Guide  
Visitor Attraction Manager

PR/ Marketing Manager  
Sustainability Manager  
Education Officer  
Business Manager  
Finance Team

Horticulturist  
Estates Manager  
Art Gallery Curator  
Museum Curator  
Digital Marketing  
Web Development

## EXPLORE SOME MORE

Did you know that there is a national shortage of Chefs and Caterers? Because there are more Chef jobs in Cornwall than Chefs, they have a great choice of jobs and can get paid extremely well. There are excellent college courses in Cornwall and apprenticeships all over the county. It's not all about cooking either - Chefs are skilled in management, creativity, budgeting and working at speed. If you work hard and keep training to develop your talent you can progress very quickly and learn transferrable skills that could take you anywhere you choose:

- Watch the short film *Exploring Visitor Economy\_Hospitality Catering* on the Careers Hub Primary webpage to find out more from Fred, the Executive Chef at The Headland Hotel.
- Or visit this [webpage](#) to find out more from Isabel, a Chef de Partie in Cornwall.



## Where could I 'earn and learn' in the Visitor Economy in Cornwall?

There are lots of opportunities in this sector to choose from when you finish school that could get you on straight on the path to a well paid career in a skilled job. [Cornwall College](#) and [Truro and Penwith College](#) have courses and apprenticeships that mean you could earn money while you learn in the workplace. And because there are so many businesses in Cornwall involved in accommodation, catering and experiences for tourists, there will always be good jobs for hardworking people who have skills and learned 'on the job'. You can learn and use your skills anywhere in the county but here, for example, are two big employers you might have heard of:

### eden project

If you want to work somewhere extraordinary the Eden Project is a good place to explore! They turned a 60 metre deep clay quarry into a global garden inside giant biomes to make Rainforest and Mediterranean environments in Cornwall. The project is really growing and they are even building brand new Edens on every continent on the planet! In Cornwall, Eden is using the resources deep underground to heat their biomes with clean energy, instead of fossil fuels. They also plan to generate all their electricity through geothermal energy which will make the attraction completely carbon neutral! Eden employs around 350 people and has a huge range of job types. Did you know for example that their gardeners have to learn to abseil in order to look after their tallest plants? Or that they employ sustainability officers to make sure they are always doing their very best for the environment? Or that artists, scientists, story-tellers and digital developers all work together to show visitors important environmental messages? When you join the world of work, Eden will be looking for enthusiastic people like you to join their team and they work with local colleges and universities so you can earn and learn in Cornwall. Just look at all these choices;

**Eden Apprenticeships with Cornwall College**    **Eden Apprenticeships with Truro and Penwith College**  
Level 2 ▷ Events Manager ▷ Horticulture    Level 2 ▷ Commis Chef  
Level 3 ▷ Carpentry ▷ Electrician ▷ Finance    Level 3 ▷ Human Resources and Business ▷ Licensing Assistant

**Eden Degrees with Falmouth University and The University of Plymouth**  
Nine different [Degree Courses](#) including Horticulture, Ecology and Sustainable Festival Management

**Find out more** by listening to some *Eden Career Stories* [here](#), exploring training [here](#) and learning about Eden's geothermal project in a short film [here](#).

### THE HEADLAND

★ ★ ★ ★ ★

Training at a hotel like The Headland Hotel in Newquay is a brilliant way to start a career in the hospitality sector. They employ around 250 people aged 14 to 86 years old in a beautiful Victorian building right next to the beach. If you are willing to work hard, develop your talents and be a good team player, you can really progress into great leadership job roles. You can do a six week summer placement scheme while you are at school or college and earn while you learn key skills for the hospitality sector. Or when you leave college you could do a 12 month placement and get to work in four different departments while you earn a really good salary. And you can do great apprenticeships in lots of different roles too; spending some of your time at college and some of your time at work and getting paid well while you get qualified. Have a look at these apprenticeship choices;

**Level 2** ▷ Beauty therapist ▷ Commis Chef ▷ Hospitality Assistant ▷ Painting & Decorating  
**Level 3** ▷ Beauty Therapist ▷ Chef de Partie ▷ Hospitality Supervisor ▷ Leisure Supervisor  
**Level 4** ▷ Chef Manager ▷ Hospitality Manager ▷ Leisure Manager ▷ Spa Manager  
**Level 7** ▷ Senior Leaders Masters Degree in Business Administration

**Find out more** in our short films on the Careers Hub Primary webpage, *Exploring Visitor Economy\_Hospitality*

## How much could I earn?

Hourly rates for seasonal jobs are around £9-11 per hour, but once you have done some training at college or work and have a role with some leadership responsibility, you can earn at least £24,000 each year. Managers can earn at least £35,000 per year and experienced chefs that have demonstrated their talents are in great demand and can earn £30,000-60,000!

## What skills do I need?

Different roles in the Visitor Economy need varying skills but the most important thing is that you enjoy being face to face with new people every day. You need to be willing to learn and grow with your team and in smaller businesses it might be important for you to be multi-skilled so you can help out in different departments. Here are some key skills to give you a head start:

### General Skills

Excellent communication  
Good with people  
Attention to detail  
Cultural awareness  
Multi-tasking  
Problem Solving  
Organisation  
Forward Planning

### Your attributes

Enthusiastic  
Committed  
Willing to Learn  
Can use your Initiative  
Adaptable  
Creative  
Patient and Resilient  
Practical

### Subject Skills

Numeracy (money)  
Speaking, reading and writing English  
Digital Skills  
Health and Safety  
Business Administration  
Media  
Marketing

## SKILLS CHALLENGE

Watch the video *Exploring Visitor Economy\_Hospitality Management* on the Careers Hub Primary Webpage. Kai, a Duty Manager, would like to work in the future as a Revenues Manager. This means doing research to find out what customers want and how much they will pay for it (to make sure the hotel doesn't lose money!)

- ◆ Take a survey of your class to find out their favourite healthy snacks and how much money they would pay for them.
- ◆ Design a tuck shop menu with the 5 most popular snacks and take your orders! How many of each snack will you need to buy to meet customer demand for the day?
- ◆ How much will you have to pay in total (you could save by buying multi-packs) and what price do you need to sell individual snacks at to make a small profit for the tuck shop? Will you sell your different snacks at different prices or have one set price for all?
- ◆ How will you forward plan for people who change their minds?

## A LITTLE ADVICE...



“Whether it’s being a Chef, or a different career, if you really want something you just need to work hard for it, make good decisions and learn from your mistakes. If you’re interested in being a Chef, find somewhere good to work in a restaurant with a really good Chef who is going to mentor you and take care of you. And then, to develop further, try to do apprenticeships or get on a course that’s going to help further your skills and knowledge”.

**Fred Goodrich** Executive Chef, The Headland Hotel Newquay