

# U V E R S T E M r S T E M M A T H S



 @UlverSTEM     
  @StemUlver     
  @ulverSTEM

# U V E R

# S T E M M


 Ulverston Victoria High School  
 Springfield Road, Ulverston  
 Saturday 16th November 2024 ■ 9.30am - 4pm

Challenge on @UlverSTEM for all 6-16 year olds. Bring the family!

Discover more about opportunities to be gained from studying science, technology, engineering and maths - STEM subjects

Meet local employers including Siemens Energy, Bender UK, Oxley Developments, FESP, Kimberly-Clark, NHS, BAE Systems, GSK, Orsted, Inspira and many more

Interactive and fun activities throughout the day including SciFi Ulverston Challenge

Join in with the activities before and during the event to win great prizes!

Keep up to date with news, activities and prizes by visiting our Facebook, Twitter, Instagram and website

There are shows and presentations throughout the day, with guest speakers


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Challenges for all 6-16 year olds.

Siemens Energy

GSK



Discover more about opportunities to be gained from STEM subjects.

## Bender



Meet local employers including.....

## Oxley Group





Interactive activities and prizes.

NHS

Bay Health &  
Care Partners  
*delivering*





Bay Health &  
Care Partners  
delivering



# Working in the NHS

- There are over 350 different careers in the NHS.
- Many require STEM subjects but whatever your skills, qualifications or interests, there is a career for you in the NHS.
- You could work directly with patients, in hospitals, an ambulance trust, or in the community.
- A huge range of roles available - [https://youtu.be/GVBP1Id0\\_n0](https://youtu.be/GVBP1Id0_n0)
- Lots of different entry routes:
  - School leaver (administration, domestic services, portering, clinical support work and many others. Some of these require few or no GCSEs, others will need high-grade GCSEs or A-levels);
  - Apprenticeships;
  - Many NHS careers require a higher education qualification, in an area such as health, science or social care.
  - Clinical roles, a specific degree or diploma course may be required.



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## STEM subjects for NHS careers

- Allied health professions - work closely with patients, often on a one-to-one basis, helping with rehabilitation and providing treatment that helps transform people's lives.
- Ambulance service team – emergency response crews, handle 999 calls in a control room, or provide vital non-emergency transport for patients.
- Dental team - diagnosing and treating a range of problems affecting the mouth, teeth and gums.
- Doctors - Becoming a doctor isn't an easy option, it takes years of study and hard work, but if you like helping people there are few more rewarding or respected careers.
- Health informatics – is one of the fastest growing areas within healthcare. It's about getting the right information to the right person at the right time (introducing electronic health records for patients or exploring patient data to identify trends in disease and treatment).
- Healthcare science - healthcare scientists and technicians help to save lives and improve care for millions of patients. Helping patients with hearing problems, analysing tissue samples, or researching how results from the human genome project can be translated into new treatments.
- Management - Whether they are managing the talented, hardworking staff, controlling the finances or providing the equipment, buildings and services, managers are crucial to the delivery of effective healthcare.
- Nursing - Nurses work in every sort of health setting — from accident and emergency, to patients' homes, with people of all ages and backgrounds often in challenging circumstances.
- Midwifery - much more than delivering babies. You'd be involved in antenatal and postnatal care, in counselling, in offering support and education, and help families prepare for parenthood.
- Pharmacy - Interested in science and how medicines help patients manage their condition? Pharmacists are experts in medicines and work with technicians and assistants in both hospital and community settings.
- Medical associate professions - new professional roles working within multi-professional teams as part of the continuing drive to provide safe, accessible and high-quality care for patients.
- Psychological professions - provide, care and support, and help people overcome their difficulties through counselling, therapy and other ways.
- Public health - is about influencing people's lifestyles or aspects of the environment in which they live with the aim of preventing them from becoming unhealthy or ill, or improving their health and wellbeing. Some of these roles are in the NHS, but many are found in other organisations.
- Wider healthcare team - You could design, construct and maintain NHS buildings, organise catering, supply linen, clean the wards, book appointments.
- Every role in the wider healthcare team has one thing in common — they are all essential to running the NHS.

UNIVERSITY SYSTEM

IS ALL ABOUT.....

MAKING GEN M FUN







# SO WHATS ON.....

Marvellous Microbiota

Cyber Protect and Prevent Activity

Make your windmill

Sphero football

Bodyworks

Lego challenge

Geology! Deep Seas, Dinosaurs and Volcanoes

Smoothie making bike

Planaterium

Crack the code

Palliative Care Nursing

Science Viking

Music Sequencing

Professor Pumpnickel

Understanding nuclear

Sustainable design

Under pressure

Light Up!

Building turbines and VR headset





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