



THE STM CAREERS STANDARD



SEPT
2020
VOL. 2

All the latest news and insights into the world of careers for St Thomas More RC College pupils

 @stm_cpshe



ENGINEERING CAREERS FOCUS

In Volume 2, you will be able to read about Jasmine, an undergraduate engineer on the controversial HS2 project. You will also meet the editorial team and can read about why key workers have been, and are, so vital to us! Also we interviewed **Shaun Wallace** from **The Chase** to learn more about his career journey!

INSIDE

MEET THE TEAM

ALL ABOUT BEING:
AN ELECTRICAL
ENGINEER

INSPIRATIONAL
WOMEN IN STEM

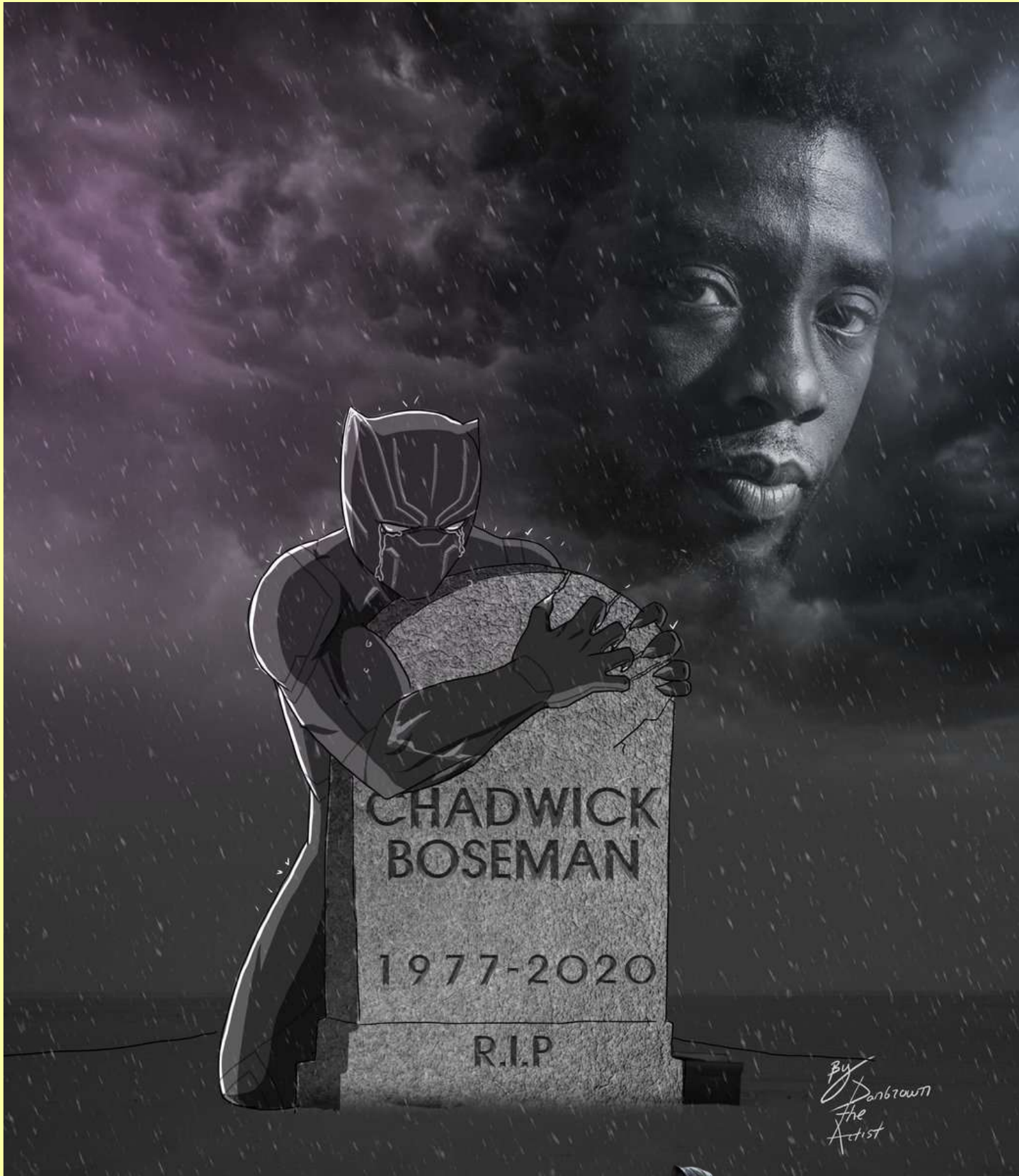
LABOUR MARKET
INFORMATION

IN CONVERSATION
WITH MS HAGUE

SPECIAL INTERVIEW
WITH SHAUN
WALLACE!

THANK YOU KEY
WORKERS

AND MUCH MORE!



**<-- CHADWICK BOSEMAN
MEETING TERMINALLY ILL
CHILDREN WHILE SUFFERING
WITH CANCER HIMSELF**

MEET THE STM CAREERS STANDARD EDITORIAL TEAM



Amber Jones

My name's Amber and I like being artistic and painting in my free time. I also like Maths and Science. When i'm older I would like to be a psychologist and I would have to go to university for that. I am really interested in the human brain and what causes us to make decisions the way we do.



Evie Moran

Hi! I'm Evie Moran I am twelve years old. I love sport! My favourites being football, netball and swimming. However I fell out with ballet after my tutor said I had as much grace as an elephant! My favourite subjects are PE & Food Tech. When I am older I aspire to be a midwife.



Alice Moran

I'm Alice and I'm going into Year 10. I love anything creative really - especially Art and Musical Theatre! When I'm older, I'd like to go to University and possibly study a degree in Education or Psychology. Journalism has always been a huge interest of mine which is why I decided to join the Editorial Team for the STM Careers Standard.

MEET THE STM CAREERS STANDARD EDITORIAL TEAM

Libby Taylor

Hi, my name is Libby and I'm 12 years old. This is a bit about me! I love any sport, especially football. My favourite subjects are PE and Science. When I'm older I would like to pursue a career in medicine or sports science.



Your name here!



Want to join the growing editorial team? Maybe you have an interest in journalism, reading, writing or researching? Maybe you want to build and develop your skills? Or gain experience for your CV and personal statement? Or you may just want to be a part of a dynamic, friendly team? Email or see Mr Wright if you wish to join the STM Careers Standard!

ALL ABOUT: BEING AN ELECTRICAL ENGINEER

by Mr Wright

There are many, many paths that you can take once you're in the world of engineering! Engineers have been an integral part of societies since time immemorial.

Here is some information that may help you pursue further a career in engineering!

Day-to-day tasks

In your daily tasks, you could work with:

- power generation and transmission - installing turbines, switchgear, power lines and street lighting networks
- industrial machinery and equipment - making, fitting and repairing drives, motors and programmable logic control (PLC) panels
- transport - upgrading rail and signalling systems
- building services infrastructure - installing and maintaining lighting, heating, air conditioning, lifts and escalators

Working environment

You could work in a workshop, in an office, at a power station, in a factory or at a research facility.

Skills and knowledge

You'll need:

- knowledge of engineering science and technology
- knowledge of maths
- the ability to work well with your hands
- the ability to use, repair and maintain machines and tools
- to be thorough and pay attention to detail
- analytical thinking skills
- complex problem-solving skills
- the ability to work well with others
- to be able to use a computer and the main software packages competently

Average salary (a year)



What about the working hours?

Typical hours (a week)



40 to 42
a week

Where can I learn more?

By accessing this link <https://bit.ly/2ZgVT8G> or the QR code below.



MEET AN ENGINEER!

I'm Jasmine. I'm 20 years old and I'm an undergraduate engineer. I work for an engineering consultancy in the highways team. I'm on the HS2 project, which is the new High Speed Two rail network and I'm part of the drawings team where we create drawings for road safety audits, which are just to make sure that the roads are safe. So at school I didn't know what I really wanted to do.



I was very academic and at A-level I wasn't quite sure what I wanted to specialise in. My parents suggested, "Why not try Engineering? You know there's such a wide variety of sectors. You can go into." So I looked into it and I went to a college specifically for engineering and when I got there, I just I knew that that's what I wanted to do. I really loved it. My college was very engineering focused, so we were used to learning on the job, doing more hands on tasks and doing the theory in the classroom as well. So we could see how that linked together. When I went to university, I found that it wasn't really like that and I found it quite difficult. So I decided to leave

and pursue an apprenticeship. I looked online at different degree apprenticeships that I could take and I found this one. I was luckily awarded this job.

Jasmine's boss:

Jasmine has brought a vitality, not only to the company but also to our local team. There are so many fantastic construction projects in the pipeline. We really need to make sure we've got to the next generation of engineers coming through to the industry. With the programme that Jasmine's on, we get the opportunity to see exactly what she can do and can give her that knowledge and experience that will be so vital to her in her future career, and also for her future studies.

Jasmine:

I thought that there's a stigma attached to what people think that engineers should look like and it's very important you know, as a young black woman, to have other black, Asian, and minority ethnicities join the engineering field. We need to gather all the different mindsets to be able to solve the world's upcoming problems. Don't worry if you're not the top student at maths, you're not the top student at science, because it doesn't matter. It's all about creativity and thinking differently having a different mindset to others. There's lots of people to help and to bounce ideas from and that's what's good about it.

MEET AN ENGINEER!: PART II

"It's very important as a young black woman to have other BAME people join the engineering field. We need to gather different mindsets to solve the world's upcoming problems."

Jasmine believes that gaining practical experience is the best way to figure out which field of work is best for you.

In her apprenticeship, she's currently working on the HS2 project which is focused on creating a new high-speed train route into London.

Jasmine uses Maths to collect and analyse data on traffic and road systems and she uses English to write up her findings, which have to be clear and accurate.



Watch Jasmine's
video here



LABOUR MARKET INFORMATION: CIVIL ENGINEERING

by Mr Wright

What is Labour Market Information?

Labour Market Information (or LMI) is a useful tool to help research future jobs in the local area, understand the skills needed for certain roles and the demand for future employment.

LMI For All

lmiforall.org.uk/

What can you earn per week?

What is the salary/ annual earnings?

How much is this per hour?

Search all LMI here

Civil engineers	
Weekly Pay £880	Annual Pay £45,760
Hours/Week 41h	Hourly Pay £21
Workforce Change (projected)	
Growth 5.9%	Replacement 40.3%
The workforce is projected to grow by 5.9% over the period to 2027, creating 5,100 jobs. In the same period, 40.3% of the workforce is projected to retire, creating 34,700 job openings.	

Will there be more jobs in the future?

By 2027, what % are expected to retire?



**PUPIL FEATURE
ARTICLE**
- by Alice Moran

INSPIRATIONAL STEM WOMEN FROM HISTORY



"SCIENCE IS NOT ONLY COMPATIBLE
WITH SPIRITUALITY; IT IS A
PROFOUND SOURCE OF SPIRITUALITY."

- CARL SAGAN



ROSALIND FRANKLIN



WHO WAS SHE?

Rosalind Franklin was born in London in 1920. From as young as 15, she knew her calling in life was to become a scientist and passed the Cambridge University entrance exam not long after; however, she wasn't able to enrol until 1938 as her father didn't believe a woman should have a college education and therefore refused to pay for her tuition. After much persuasion from her Aunt and Mother, she was eventually allowed to go to the University



and later graduated with a PhD in Physical Chemistry. The pinnacle of her career lay in DNA Research where she studied two forms of it using X-Ray Diffraction, ultimately resulting in her becoming one of the leading scientists (if not THE leading scientist) in the discovery of the Structure of DNA. She unfortunately died in 1958, at the age of 37, of Ovarian Cancer which was thought to be partially caused by her work with X-Rays.

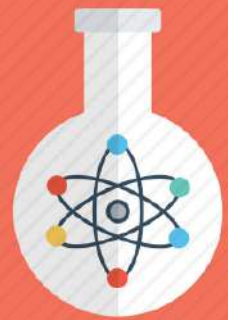


素

ROSALIND FRANKLIN

WHICH FIELD WAS SHE IN?

Physical Chemistry
and X-Ray crystallography



WHAT IS SHE MOST FAMOUS FOR?

Her vital research and experiments conducted which helped lead to the discovery of DNA Structure. For a long time, she also didn't get nearly as much praise as she should've had as much of her work was taken credit for by James Watson and Francis Crick. They even won a Nobel Prize for "their" work in the discovery after her death!



KATHERINE JOHNSON



WHO WAS SHE?

Katherine Johnson was a NASA Research Mathematician whose work in the US vs USSR Space Race was made into the film "Hidden Figures." She was born in White Sulphur Springs, West Virginia in 1918 and from a young age, she showed immense curiosity and intelligence. Her first breakthrough in life was being one of only 3 Black students handpicked to integrate West Virginia's graduate schools and her brilliance with numbers vaulted her ahead by several grades - so much so that she was attending high school by 13 on the campus of West Virginia State College. In 1937, she graduated from the college with the highest honours and took a position teaching at a public school.



It wasn't until 1952 that a relative told her about open positions at the all-black West Area Computing section at NACA (later known as NASA) and by 1953, she was analysing flight test data in the Flight Research Division. The 1962 announcement that the United States were going to send a man to the moon changed history - and Katherine Johnson's life. She studied how to use geometry for space travel and figured out the paths for the spacecraft to orbit Earth and safely land on the Moon. After working for NASA for more than 30 years, she retired in 1986 and only died recently, in February 2020, at the grand old age of 101.

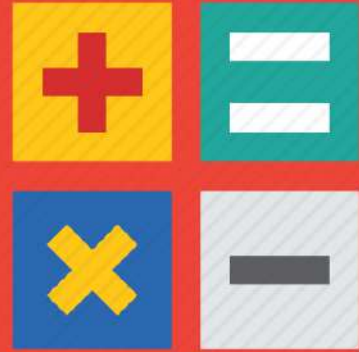


KATHERINE JOHNSON

WHICH FIELD WAS SHE IN?



Mathematics

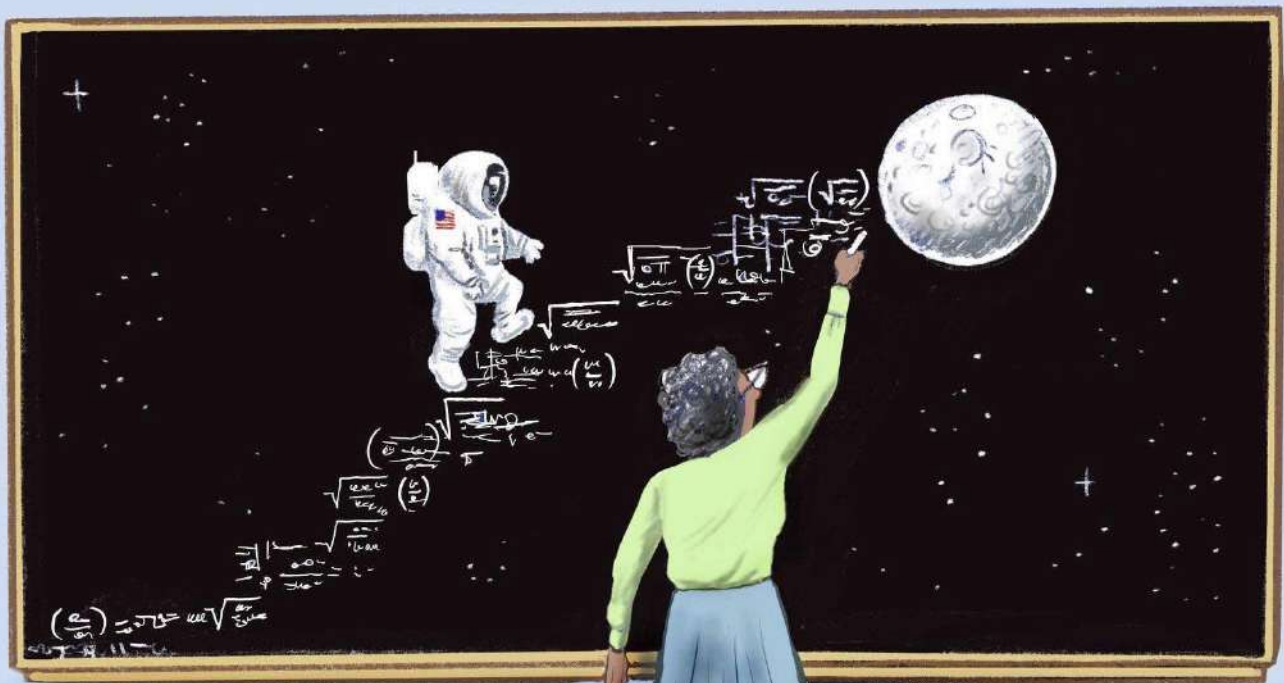


WHAT IS SHE MOST FAMOUS FOR?

Without Johnson's work, NASA would never have been able to land the first astronaut on the moon! Her incredible resilience found answers to problems that are still used today in modern space travel.

San Diego Union-Tribune ©

KATHERINE JOHNSON, NASA LEGEND
1918-2020



ADA LOVELACE



WHO WAS SHE?

Born in 1815 as daughter to the poet Lord Byron, Augusta Ada Byron, Countess of Lovelace (better known as "Ada Lovelace") showed her gift for mathematics at an early age. She had an unconventional education for an aristocratic young lady of her time; her mother insisted she be taught Science and Mathematics by tutors which were considered subjects too "challenging" for women. Around the age of 17, Lovelace met Charles Babbage, a mathematician and inventor. The pair became friends, Charles Babbage served as a mentor to Lovelace, eventually leading her to study Advanced Mathematics at the University of London. Babbage invented the difference engine, which was meant to perform mathematical calculations (almost identical to a modern day calculator) and Lovelace got a chance to look at the machine before it was finished.

She was later asked to translate an article written on the machine but also added her own thoughts and ideas on the machine. Her notes ended up being three times longer than the original article! In her notes, Lovelace described how codes could be created for the device to handle letters and symbols along with numbers. She also theorised a method for the engine to repeat a series of instructions, a process known as looping that computer programs use today. Unfortunately, she died of cancer in 1852 and her contributions to the field of computer science were not discovered until the 1950s.



ADA LOVELACE

WHICH FIELD WAS SHE IN?

Technology and Mathematics



So it was that in 1843, Ada Lovelace wrote the first paper on computer science, including the earliest complete computer program...

WHAT IS SHE MOST FAMOUS FOR?

Ada Lovelace is often considered to be the first computer programmer.

Although she wasn't greatly recognised or her work at the time, she has received many honours for her work since - for example, in 1980, the U.S. Department of Defence named a newly developed computer language "Ada," after Lovelace.



CHRISTINA KOCH



WHO IS SHE?

Even though Christina Koch is only 41 years old today, she will no doubt go down in history as one of the greatest female astronauts of this generation. She was born in Jacksonville, North Carolina and graduated from North Carolina State University with a Bachelor of Science in Electrical Engineering and Physics and a Master of Science in Electrical Engineering. In 2013, she was selected to be an astronaut by NASA and completed her astronaut candidate training in 2015.



Most recently, she served as flight engineer on the International Space Station for Expedition 59, 60 and 61 - making her the 65th women to have flown into space and the 38th women to have stayed on the ISS. In December 2019, Koch broke the record for the single longest space mission by a woman as previously established by NASA astronaut Peggy Whitson in 2017; Christina Koch's stay on the station lasted 328 - just 12 days short of the longest stay in space ever completed by an astronaut!



CHRISTINA KOCH

WHICH FIELD IS SHE IN?

Mission
insignia



Engineering



WHAT IS SHE MOST FAMOUS FOR?

She has inspired many young girls to pursue engineering (especially in the aerospace field) as a career and proves that you are never too old to follow your passion in life since she was 40 when she launched into space for the first time.





THANK YOU KEY WORKERS!



by *Evie Moran*

For the first 10 weeks of lockdown we clapped for the NHS and Key Workers every Thursday.

Some people probably did not even know what was different between a key worker and a regular worker or who was classed as a key worker and why do we need to give them so much praise for doing their job. Well this article will explain all that for you.

Not all superheroes wear capes...



...some wear masks and gloves...



What is a Key Worker?

A Key Worker is an employee who provides vital service to the country.

Key Workers are needed to work to keep the country together so that everybody has the necessary requirements in their life: education, protection, a health service and many more...

Who are Key Workers?

There are quite a lot of jobs that are needed to keep the country running and here are just a few:

NHS Staff, Social Care Workers, Police Officers, Fire Brigade, Court Staff, Schools and Nurseries Staff, workers for different religious organisations, journalists, some government staff, delivery drivers, supermarket staff, transport workers, prison and probation staff, some financial services and the Armed Forces and MOD amongst others.





THANK YOU KEY WORKERS!



by *Evie Moran*

Why should we be so thankful?

We should be thankful because without them there are no crucial services (health service, education, supermarkets and more) available.

Another reason to give them praise is that they work extremely hard for the benefit of others and in lockdown some have put their life on the line to help us.

All that they do in their job is for us. For our well-being. For our needs.

That deserves praise.





YOURS TO COLOUR IN!



Tweet your coloured-in examples to [@stm_cpshe](#) on Twitter!



TO ALL KEYWORKERS...

Post and delivery people

Teachers

Supermarkets

Refuse collectors

THANK YOU!

WHO IS THE PATRON SAINT OF ENGINEERS?

When you think of St. Patrick's Day, you probably think of crowds of jovial people wearing green. It's a day when even those who have even the smallest drop of Irish blood seem to develop an unmistakable brogue. However, despite the revelry and the abundance of green that comes every March 17, there is actually a more serious reason for celebrating St. Patrick. Sure, we all might have heard about the driving of the snakes out of Ireland, but did you know that St. Patrick is also considered the patron saint of engineers?



Celebrating St. Patrick, the Engineer

St. Patrick is usually represented in imagery with a serpent or snakes around his feet, referring to the legend of his driving the snakes out of Ireland with his shillelagh, a type of cane, as punishment for attacking him during a fast. Typically, his role in engineering and modernising building methods isn't celebrated on St. Patrick's Day. At some engineering-focused academic institutions, however, his engineering legacy lives on. At Missouri University of Science and Technology, for instance, self-styled "Knights of St. Patrick" among the engineering faculty are well-known for celebrating his accomplishments through a series of traditions during the week of St. Patrick's Day.

*O great Apostle of Ireland, glorious St. Patrick, to whom under God, so many are indebted for the most precious of all treasures, the great gift of Faith, receive our fervent. Thanks for the zeal and charity which have been to thousands the source of blessings so invaluable. Ask for all who dwell in this land and the land of thy labours, the precious light of Faith, and beg for us on whom its glorious rays have long since beamed, the grace to regulate our lives by its sacred maxims.
Amen.*

So, the next time you don your finest green attire in honour of St. Patrick, give a nod to his engineering accomplishments as well.

USEFUL RESOURCES TO KEEP YOU SAFE

by Mr Wright

Pupils, do you know what's on your plate?


This the NHS Eat Well guide. Use the QR code to learn more about healthy eating which you also cover in CPSHE!





Explore the interactive Eatwell Guide

Each serving contains	Energy (kcal)	Fat (g)	Carbohydrate (g)	Protein (g)	Salt (g)
100g	254	1.2	34.8	0.94	0.23
100g	254	1.2	34.8	0.94	0.23

of an adult's reference intake
Typical values (as sold) per 100g/100ml/100kcal



Per day  2000kcal  2500kcal = ALL FOOD + ALL DRINKS



National Online Safety

Safety Tips for Parents & Carers



FULL
GUIDE

MEET YOUR TEACHERS: MS HAGUE

by Evie Moran



You all think you know Miss Hague but in this article you will find out about the real Miss Hague.

What did you study at university?

I completed my degree in a slightly different way - I worked full time for a bank whilst studying with the Open University - this way I didn't have to get a student loan and so no debt - I have a degree in Art History and Religious Studies.



What were your favourite subjects at school?

I loved Art and RE!

What do you love most about your career?

I love the enthusiasm of the different clubs and groups I get to run like the Stewards and GIFT team. I also love the fact that in RE I get to ask the 'big questions' and listen to a variety of interesting responses from every class I teach.



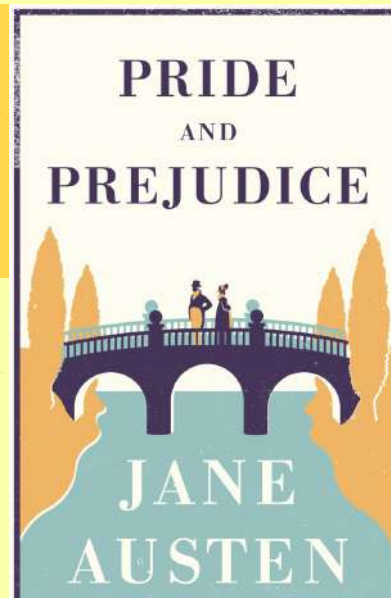
Who are your role models?

My parents - they taught me the importance of being kind and to do my best in all the things I do.



What is your favourite book?

When I was very little I loved everything by Beatrix Potter - but I also love Pride and Prejudice by Jane Austen!



If you could go back to meet to yourself in year 7, what advice would you give yourself?

Stop worrying so much!



MEET YOUR TEACHERS: MS HAGUE



by Evie Moran

Which skills do you think are most important to have in your career?

Patience and positivity.

What did you want to be when you were little?

Children's book author and illustrator.

What was your very first job? Have you had

others? What did you learn from your first job?

When I was at school I worked at a cinema - that was lots of fun. My first big job was a cash manager at a bank where I learnt leadership and time management skills as I was doing my degree at the same time. My main aim and drive in getting a degree was always to become a teacher!

Is there a quote that inspires you?

As a Catholic and a RE teacher it has to be Jesus' Golden rule "treat people the way you wish to be treated." As a Beatles fan I also like, 'It will be alright in the end. If it's not alright, it's not the end.' - John Lennon, genius!

Which causes are you most passionate about?

In teaching with the help of the GIFT team and

Stewards I am passionate about supporting

local and global charities and caring for the

environment. I also feel family is key to success!

What are your hobbies?

Art- I love painting, drawing...being creative!

Thank you for your interview, Ms Hague!



CAFOD
Just one world



The Christie
TOWARDS A FUTURE WITHOUT CANCER





SUBJECT SPOTLIGHT

RELIGIOUS EDUCATION

by Mrs Bennett, Ms Hague & Mr Johnson

What do you study in RE?

Theology - all different facts/knowledge about world faiths

Philosophy/Ethics - answers and reflections on social issues and the big questions we all face.

Consider the main world faiths, finding out what people believe and why and how their faith impacts them.

Looking at our relationship with people and the world around us.

Exploring big questions through ethics, considering what groups believe is right and wrong behaviour.

Why is this important?

RE develops both literacy skills of discussion, explanation and describe, but it also develops social skills and understanding such as respect, and acceptance. RE also has the ability to develop faith and reflection.

The most important thing about RE is that we learn morals, what is right and wrong. RE allows us to understand why people behave and act the way they do. We learn to challenge ignorance in the world by learning to understand why people do the things they do.



Which careers can RE lead to?

Most as RE is about real life and people - medicine, armed forces, teaching, social work, legal careers, police, media, teaching, social work, charity organisations, journalism (BBC.)

Definitely not a priest or a nun.

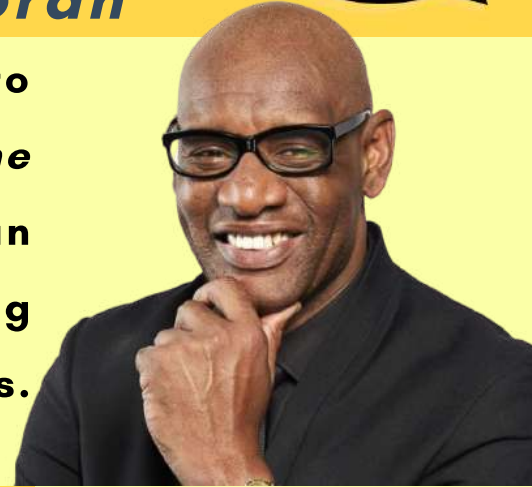


INTERVIEW WITH A CELEBRITY! SHAUN WALLACE

by Evie Moran



We are so privileged to have been able to interview Shaun Wallace of ITV's *The Chase* for the STM Careers Standard. Shaun wanted to be a barrister from a very young age and here he shares his journey with us. Thank you, Shaun.



**What did you study at college/university?
Where?**

I read Law at The Polytechnic of North London (now University of North London) from 1980 to 1983 where I received a 2:2 Honours Degree. In 2015, I received an Honorary Doctorate from the University.



UNIVERSITY OF
NORTH LONDON

What was your favourite subject at school?

My favourite subject at school was History. I have always been a devoted student of the subject and any period in History. I'm firmly of the belief that because the subject is about an understanding and an appreciation of the origins of society, it will help give you a greater understanding of the origins of other disciplines, i.e. the history of music, science, etc., and therefore help to foster an interest in those subjects.



INTERVIEW WITH A CELEBRITY! SHAUN WALLACE

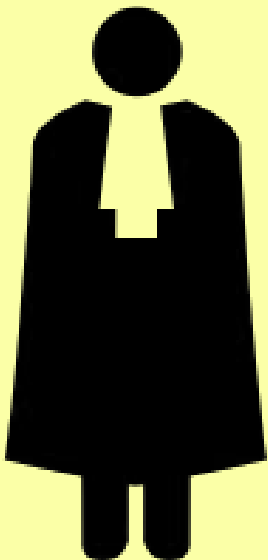


by Evie Moran



If you could go back to meet to yourself in year 7, what advice would you give yourself?

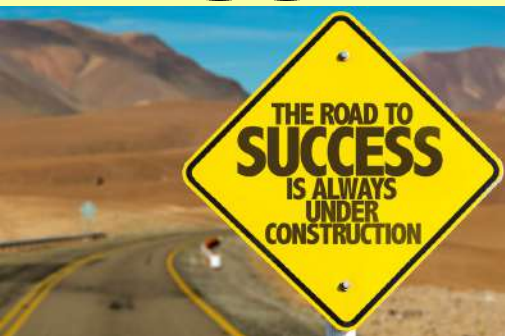
I suppose the advice I would give to my younger self would be, "Always put your best foot forward" because you never know who will be looking at you.



Which skills do you think are most important to have in your career?

The ability to be a good listener, never be judgemental and never let your professional standards fall below the required standard.

What did you want to be when you were little? From the age of 11, I always wanted to be a barrister.



Is there a quote that inspires you?

"The road to success is always under construction."



What was your very first job? Have you had others?

What did you learn from your first job?

I have had many part-time jobs, mainly, working on Summer playschemes with children during the Summer holidays. What I loved with working with young children is that it helped to reinforce within me that sense of responsibility.

INTERVIEW WITH A CELEBRITY! SHAUN WALLACE



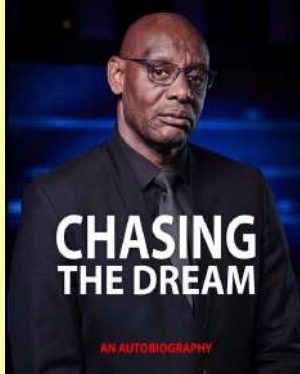
by Evie Moran

Who are your role models?

In my home, I have a large mural called, "My Inspiration" where the role models who have inspired me range from Muhammad Ali, Pele, Martin Luther King, Bob Marley, and Harriet Tubman. Black heroes who have made such a great contribution to society at large it makes me feel proud to be black and in the middle of the mural are my two greatest role models, who helped to guide and support my own dreams and ambitions, my Mum and Dad.



SHAUN WALLACE



What is your favourite book?

I suppose my favourite book is my autobiography that I wrote myself, called Chasing The Dream.

INTERVIEW WITH A CELEBRITY! SHAUN WALLACE

by Evie Moran



Which causes are you most passionate about?

To use my social profile to help others. With fame comes responsibility and I always thought it important to help build the ladder of opportunity so that others can climb.



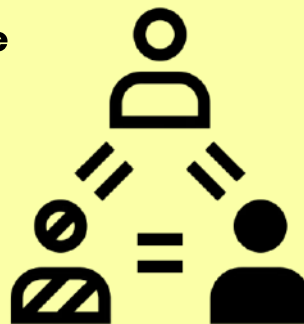
What are your hobbies?

Keeping fit, taking part in quizzes, travelling abroad and supporting my beloved Chelsea!



What change would you like to see in the world?

That everyone would be given a fair and equal chance to make a success of their lives.



What do you love most about your career?

I am very fortunate to have a dual career in both law and television although I will always put my legal career ahead of my television one. What I love most about my legal career is my ability to advise and represent my clients in court and to treat all my cases, irrespective whether the case is trivial or serious, I will always prepare with the same attention to detail. What I love about my television career as a Chaser is that I am able to use the skills that I have as a barrister in terms of remaining calm under pressure and the ability to think on my feet when answering questions in a fun and, hopefully, entertaining way.

INTERVIEW WITH A CELEBRITY! SHAUN WALLACE

by Evie Moran



What is your favourite film and/or TV series?

I love James Bond films. My favourite TV shows are Frasier and Minder.



Where is your favourite place in the UK? Why?

My favourite place in the UK has got to be London, my home city. I just love my home city.



Where is your favourite place in the world? Why?

For me, the most beautiful city in the world has to be Rio de Janeiro. To sum it up in one word; Magical!



Were you ever scared on your travels?

I never get scared or apprehensive on my travels, on the contrary, I always look forward to travelling abroad with a sense of fun and adventure.

Thank you for your interview, Shaun!

INTERVIEW WITH A CELEBRITY! SHAUN WALLACE

by Evie Moran



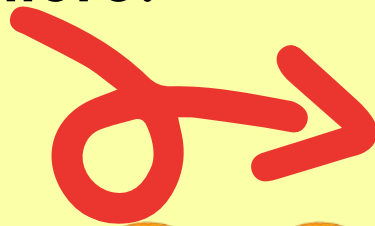
We would like to thank Shaun Wallace for taking the time to be interviewed by the STM Careers Standard!

You can watch The Dark Destroyer's funniest moments on The Chase's official YouTube channel here:



THE CHASE

You Tube



You can buy Shaun's autobiography 'Chasing the Dream' here


**CRANTHORPE
MILLNER**
PUBLISHERS



You can also follow Shaun's Official Twitter Account @TheShaunWallace

CELEB ODD-JOBS



by Mr Wright



Did you know that before making it big, actor Steve Buscemi was a firefighter? During the 9/11 terrorist attacks he returned to his former job as a New York firefighter to help out.

Harrison Ford was a carpenter before helping to save the galaxy as Han Solo!



Rihanna was an army cadet before becoming the best digital-selling artist of all time!



WORDSEARCH



by Mr Wright

Can you find all of the hidden words?

Take a picture, scan or screenshot your answers and tweet to @stm_cpshe or email l.wright@stmcollege.org.uk to earn More Points!



Engineering & Careers



E R G G A M U M W D G A T M E W F T D C V Y A
F F F M E S J S E E Z N A W D I S M A R T K P
Z A M E N G N I D N U F B U D G E T U O L O P
S P A B G L N V G L N O I T A C O V V S F G R
Y D O J I J X N O I T A C I N U M M O C J I E
O E R K N T M X K Z V Z P B H C L P C G B O N
A J N M E G C Y D J D T L N O O X A P W F V T
A H E L E A N A L Y S E J A O M V T S L O N I
N N S M R M A N C H E S T E R M U R H V A L C
D E C V I K X A T C L E R E S I L I E N C E E
K L P J N N D O J H T T S U H T L C E O H V L
D N R G G C B T O O L S R E P M M K B H Y T J
N H S T U D Y I N G G N J N W E Z V O M Z D A
E I A T Y Y T I S R E V I N U N M Z B A Z J J
M G O V E R N M E N T G X Y K T Y A W L I A R
K Y W S G H B L E A R N I N G N I D L E W N H

Find the following words in the puzzle.
Words are hidden and .

ANALYSE
APPRENTICE
BUDGET
COMMITMENT
COMMUNICATION
CPSHE
ENGINEERING

FUNDING
GOVERNMENT
LEARNING
MANCHESTER
PATRICK
RAILWAY
RESILIENCE

SMART
STUDYING
TOOLS
UNIVERSITY
VOCATION
WELDING

TED-Ed Talks are "ideas worth spreading" so be sure to check these out using the QR codes!



3 tips to boost your confidence!



**How to practice effectively...
for just about anything**



Visit the TED-Ed YouTube Channel here.

If you have a favourite TED-Ed video you want including, let the editorial team know!



WANT TO JOIN THE EDITORIAL TEAM?

by Mr Wright

Pupils, do you love reading, writing and researching?

Do you want to work on and build news skills?

Are you actively interested in the ever-changing world of work?

Maybe you want to want to add something impressive to your CV?

Why not join the 'STM Careers Standard' team?

Where you can research and write for our brand new careers magazine!

Email Mr Wright (L.wright@stmcollege.org.uk) for more information.



USEFUL LINKS TO KICK-START YOUR CAREERS RESEARCH

by Mr Wright

There are lots of amazing resources out there for you to check out and build your careers knowledge or even begin researching a career of interest!

A site **full of job profiles** to learn more about a range of careers

<https://www.prospects.ac.uk/job-profiles>

The **official government website** for information, advice and guidance to help you make decisions on learning, training and work.

<https://nationalcareers.service.gov.uk/>

COMPETITION TIME!

by Mr Wright

RESEARCH HS2 AND PLOT YOUR OWN RAILWAY FROM LONDON TO THE NORTH

Can you design your own railway from London to the North to improve travel times for commuters?

Take a map of the UK, and plot your railway through at least 3 major towns/cities and explain the benefits it will bring. (e.g. you could link this to major football grounds!)

Take a picture of your creation and send it to L.wright@stmcollege.org.uk to be considered.

The best ones will be published in the next volume of the STM Careers Standard and winners will receive 100 More Points!

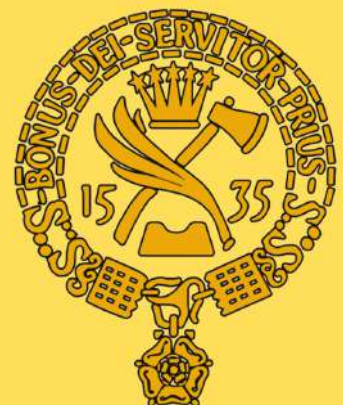
Entries close on Friday 25th September 2020



HAVE A QUESTION OR WISH TO GET IN TOUCH WITH THE TEAM TO FIND OUT MORE?

by Mr Wright

To find out more or to get in touch about careers and CPSHE, send an email to L.wright@stmcollege.org.uk

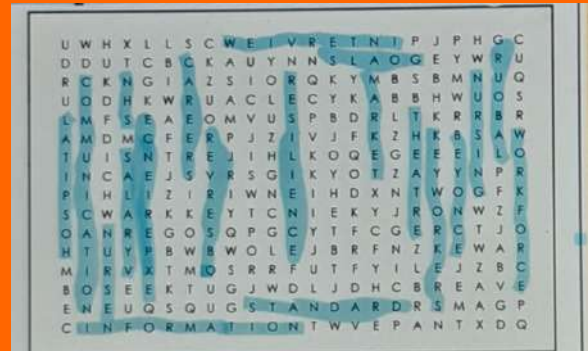




SHOUT-OUTS!

by the Editorial Team

Congratulations to Liam Derwent in 7S who completed the first-ever careers wordsearch in record time! (25 minutes from the magazine being published!)



Find the following words in the puzzle. Words are hidden ↑ ↓ → ← and ↘

- COMMUNICATION
- INFORMATION
- KEYWORKERS
- RESILIENCE
- EXPERIENCE
- WORKFORCE
- INTERVIEW
- HOSPITAL
- STANDARD
- NURSING
- CAREERS
- THEATRE
- OBSERVE
- BEYONCE
- MARKET
- LABOUR
- SALARY
- GOALS
- NURSE
- NHS



Natasza Krynska created this fabulous journal to document her experience of lockdown!

Congratulations to all pupils who took part in the 'Future Stars' careers event on June 17th but especially to Libby Taylor who won a pair of Apple AirPods for her great work!



@stm_cpshe



SHOUT-OUTS!

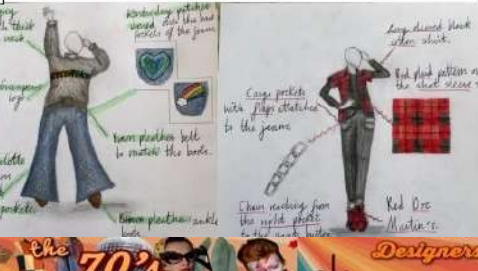
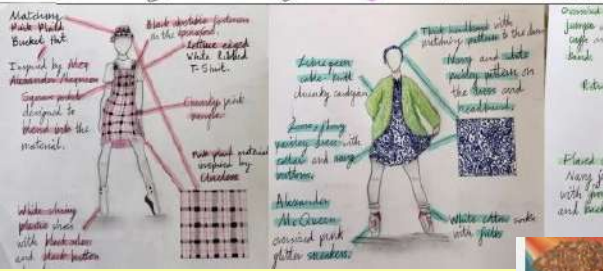
by the Editorial Team

The following students deserve a special mention for entering the 'Young Fashion Designer UK' and they created an excellent capsule collection, researched a designer and created mood boards full of inspiring ideas! #commitment #proud

- Malina Peruta 7O
- Sophie Rowney 7H
- Joshua Hopwood 8M
- Grace Fairhurst 8H
- Alex Bridgeman 9S
- Alice Moran 9M
- Lilly Bradshaw 9H
- Cayleigh Semple 9S
- Macy Russell 10S

We would like to say a huge well done to each person who took part, the work they submitted was of a fantastic standard.

We would like to say an extra special Congratulations in particular to Alex Bridgeman 9S and Alice Moran 9M for placing in their 'Highly commended category'.



Exceptional work, Alice and Alex! There is a bright future ahead for you both you in fashion design!

Fashion Design job profile

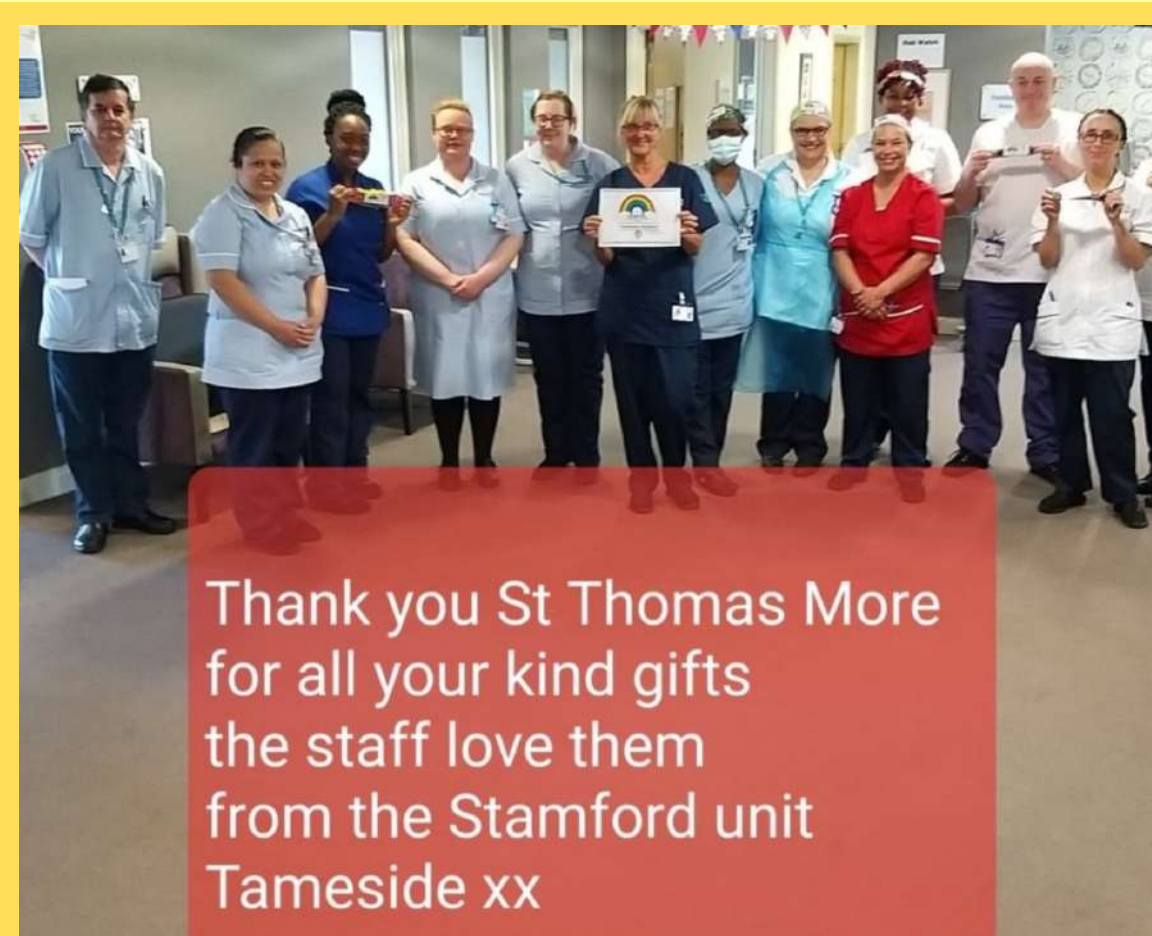




SHOUT-OUTS!

by the Editorial Team

We would like to say a big thank you to Mrs Palmer, Ms Piddington and Ms Devine for all the fab work that did for the NHS in making PPE items such as scrub bags and face mask extenders for local NHS and care services. Thank you #NHSheroes for keeping us safe #commitment #community



Thank you St Thomas More
for all your kind gifts
the staff love them
from the Stamford unit
Tameside xx



 @stm_cpsh



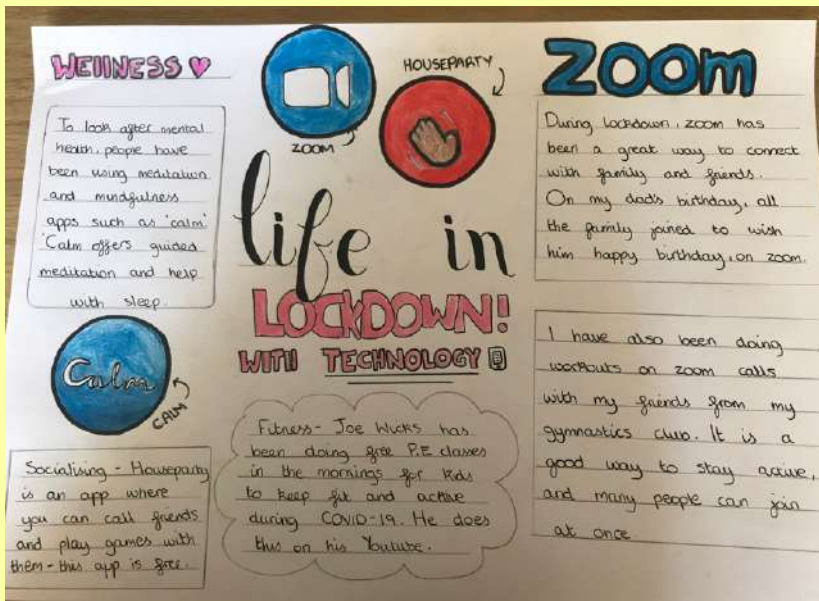
SHOUT-OUTS!

by the Editorial Team

Our outstanding Year 7s and 8s have been very creative and the artwork they produced is superb! Thank you to Ms Tindale and students for sharing their exemplary work with us. #commitment



Mrs Kirkman organised staff and students at St Thomas More coming together to create this social distancing ensemble and continue to engage in musical activities whilst learning from home. Watch it using the QR code



Grace Butterworth created this exemplary piece on looking after personal wellness during lockdown. Excellent work, Grace!



FREE 'HEALTH CAREERS' BOOKLET HERE



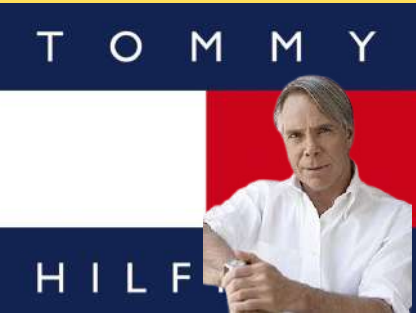
 Allied health professionals (AHPs) Specialists who treat and rehabilitate. From art therapists to physiotherapists.	 Medical associate professions Supporting doctors and nurses to release their time for more complex cases.
 Ambulance service team More than flashing blue lights. You'll be a caring, calm, good communicator.	 Midwifery Supporting women in communities and hospitals before, during and after childbirth.
 Dental team Looking after the oral health and wider health of patients.	 Nursing A huge range of specialisms including children's nursing and mental health.
 Doctors Preventing ill health, treating disease and improving wellbeing in 60+ specialities.	 Pharmacy Dispensing and offering advice about medicines for staff and patients.
 Health informatics The experts who use information and technology to drive patient care.	 Psychological professions Tackling mental health problems and promoting wellbeing.
 Healthcare science Experts in technology and science to prevent, diagnose and treat disease.	 Public health Protecting people from threats to their health and helping them stay healthy.
 Management Managing people, money, buildings and projects to keep the NHS moving forward.	 Wider healthcare team Keeping the NHS moving – feeding patients, delivering supplies, maintenance.

350 Careers, One NHS, Your Future provides information about: what it's like to work in the NHS 65 different NHS careers NHS values The careers information inside is colour-coded to make it easy to find information in 14 career categories, and there are details about where to find out more and how to reach us on social media.



SONGS ABOUT WORK

by Mr Wright



Tommy Hilfiger said , "My passion for music has always inspired my designs."

Artists have often communicated careers through music!

Check out, Johnny Cash's *Oney*: a story about a hard-working man who plans to get revenge on his mean boss!



This song will highlight to you the importance of choosing a career that you love!

Be sure to check out the Official STM CPSHE Twitter feed for regular information about careers, colleges and PSHE! including interesting #OnThisDay facts!





COOL GUIDE TO... THE ART OF SAILORS' TATTOOS

by Mr Wright

Tattooing has been practised across the world for at least 12,000 years. Here is a visual guide to explain the meaning of sailors' tattoos!

the Art of the Sailor

FULL-RIGGED SHIP

A sailor had been around Cape Horn.

SWALLOW

Tattooed for every 5,000 nautical miles they travelled.

NAUTICAL STAR

So a sailor could always find their way home.

ANCHOR

A single anchor told that a sailor had crossed the Atlantic or was a Merchant Mariner.

SHELLBACK TURTLE

Earned when initiated into King Neptune's Court after crossing the Equator.

ROPE

A knot of rope around the wrist indicated a sailor's rank as a deckhand.

CROSSED CANNONS

Signified military naval service.

HULA GIRL
U.S. sailors who had been to Hawaii.

HOLD FAST

HOLD and FAST were written across the knuckles on each of a sailor's hands in the hopes of giving a sailor a good grip in the rigging.

CROSSED ANCHORS

Placed on the webbing between the thumb and index fingers marked a bos'n or boatswain mate.

PIG AND ROOSTER

During WWII, foot tattoos of a rooster and pig were worn to prevent a sailor from drowning.

Roosters and pigs were shipped in crates that floated and therefore often ended up the only survivors of wrecks.

AHOY

WANT TO RESEARCH MORE ABOUT LOCAL COLLEGES?

by Mr Wright

Here is a list of local colleges and providers to begin researching your future destinations. Simply scan the QR code with your phone to be taken straight to their website!



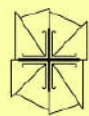
Xaverian
College



Loreto
sixth form college



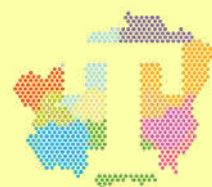
aquinas
COLLEGE



ASHTON
SIXTH FORM COLLEGE



Clarendon
Sixth Form College



Tameside
College



The
Manchester
College
be amazing



The
Growth
Company



STOCKPORT
COLLEGE



DEVELOPING
SKILLS AND
DRIVING
PERFORMANCE



CONNELL
CO-OP COLLEGE



UNIVERSITY
ACADEMY 92
MANCHESTER



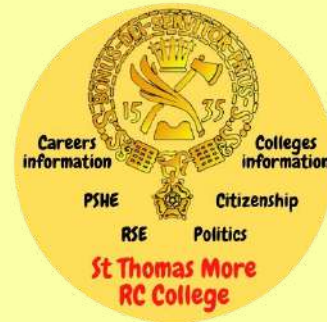
ABOUT THE STM CAREERS STANDARD

The STM Careers Standard Magazine is a half-termly publication of the pupil-led Editorial Team at St Thomas More RC College, Denton.

You can keep up-to-date with life at STM with the following social media accounts at:



@STM_College



@stm_cpshe



@stm_englishdept



@STMmusic2



IG: stm.history



Main website

COMING SOON!

by Mr Wright

When we are all able to return safely to school, consider joining **STM: Amnesty!**

Would you like to join the brand new STM Amnesty Club and make a real difference in our world?

**AMNESTY
INTERNATIONAL**



Lookout for notices in the daily bulletins!

In the meantime you can follow Amnesty International at:



Be sure to follow @stm_cpshe on Twitter for all things colleges, careers, CPSHE, and tweets to make a difference!



**IF YOU TREMBLE
WITH
INDIGNATION
AT EVERY
INJUSTICE,
THEN YOU ARE A
COMRADE OF
MINE.
-CHE GUEVARA**

CHADWICK BOSEMAN (1977-2020)

WAKANDA

FOREVER.

