

# STUDENT AND PARENT/CARER BRIEFING

Week commencing 15 March 2021

## FORGIVENESS

*“The weak can never forgive. Forgiveness is the attributes of the strong.” (Mahatma Gandhi)*

### Important Dates

#### Forward Notice

As we learn of further useful/important dates for you, we will put them here for you.

### Notices for All Students

#### Year 11 Students – equipment for next week

Please remember to bring your revision guides to all your subjects on the days you would be taught that subject for future lessons, starting this week. This will be particularly useful for you during this assessment period over the next couple of weeks.

#### World Book Day Tokens

This year, World Book Day tokens are going virtual. Please click here for a [£1 book token](#) to access a PDF of your single-use World Book Day token, which can be exchanged for any World Book Day free book or used to redeem a pound off the price of any other book. The token can be used in all participating shops such as large supermarkets, but it **must be printed**. The selection of books on offer can be found here: <https://www.worldbookday.com/books/>

#### Online Youth Club

Trailblazers are running an online youth club. Please see the attached poster for more information.

#### Rutherford Appleton Laboratory – Talking Science Programme

This is an exciting range of online talks on a wide variety of topics, run in conjunction with the Daresbury Laboratory and the Royal Observatory Edinburgh. These take place outside of school time, but you (and your parents) can register to participate in the comfort of your own home. If you decide to attend one of these, please let your Science teacher know so we can arrange for this to be put onto your careers record and contribute towards your CV. The programme comprises of:

- **Growing supermassive black holes**; Monday 8 March 19:00-20:00: to register please visit <https://www.roe.ac.uk/vc/public/astronomy-talks/index.html>
  - We now know that supermassive black holes, with masses of millions to billions of times the mass of the Sun, are found at the centres of most galaxies (including our own galaxy, the Milky Way). This talk will describe how

astronomers are able to see growing black holes and why we think they play a key role in shaping the Universe.

- **One tough cookie**; Friday 12 March 19:00-20:00, all ages: to register please visit <https://talkingscience2020-21.eventbrite.co.uk>
  - What can a biscuit tell us about engineering and the strength of the materials around us? It turns out quite a lot! Join engineer Amanda Brummitt as she uses cookie dough, oven temperatures and a recipe for disaster to explain engineering materials.
- **The life cycle of galaxies**; Monday 22 March 19:00-20:00, age 14+: to register please visit <https://www.roe.ac.uk/vc/public/astronomy-talks/index.html>
  - Our most powerful telescopes reveal a universe filled with galaxies that come in a dizzying range of shapes, sizes, colours, and environments. In this talk, you'll hear the life story of galaxies as we now understand it, by combining multi-wavelength galaxy surveys and state of the art supercomputer simulations.
- **Protecting the planet: myths and facts**; Tuesday 23 March 18:00-19:00: to register please visit [https://ukri.zoom.us/webinar/register/WN\\_aHzvDBLNRIWUwbjhl4HLw](https://ukri.zoom.us/webinar/register/WN_aHzvDBLNRIWUwbjhl4HLw)
  - Protecting the planet: myths and facts. Whether it's the David Attenborough effect or seeing the impacts of climate change, so many of us are keen to do our bit to protect the planet. However sometimes it's not easy to work out what to do for the best. This talk will test your knowledge of what the real issues are, identify the myths and the facts - ranging from banning plastic to buying electric cars - and work out what you could or should not do to make a difference.
- **How to see atoms with a computer!**; Wednesday 7 April 18:00-19:00: to register please visit <https://events.iop.org/how-see-atoms-computer-0>
  - In this talk, you will have a chance to learn about some of the ways in which computer simulations can allow us to model matter from the fundamental laws of physics, help us understand experiments, make predictions, and even discover new materials from scratch.
- **The discovery of gravitational waves**; Monday 12 April 19:00-20:00: to register please visit <https://www.roe.ac.uk/vc/public/astronomy-talks/index.html>
  - The detection of gravitational waves some years ago, opened a new window to the Universe, created a media fuss and gave a Nobel Prize for Physics! But what is the story behind this discovery? In this talk, we'll try to answer these questions (and maybe some more) concerning the discovery of these mysterious waves.
- **Spotting clouds from space with CloudCatcher**; Friday 16 April 19:00-20:00, Key Stage 2-5: to register please visit <https://talkingscience2020-21.eventbrite.co.uk>
  - Clouds, although very beautiful, can be problematic for many satellite missions interested in making observations of the Earth's surface. This talk will introduce you to "CloudCatcher": a Citizen Science project that asks people to help us spot the clouds in satellite images in order to check automated cloud detection.
- **Light and dark – a story of the cosmos**; Monday 10 May 19:00-20:00: to register please visit <https://www.roe.ac.uk/vc/public/astronomy-talks/index.html>
  - Light is the main observable in cosmology, but most of what we "see" with this light is how the dark universe behaves. We will explore how the light from millions of distant galaxies are used to shed light on the nature of dark matter and dark energy.
- **Atmospheric Science – a high flying career**; Friday 14 May 19:00-20:00, Key Stage 3-5: to register please visit <https://talkingscience2020-21.eventbrite.co.uk>
  - As an atmospheric scientist Andrew was lucky enough to spend nearly 10 years of his career as a Civilian Flight Test Observer with the Royal Air Force, managing access to the Met. Office C-130 flying laboratory. Experiments ranged from Cloud Physics through Atmospheric Chemistry to remote sensing.

- **Countdown to launch;** Monday 24 May 19:00-20:00: to register please visit <https://www.roe.ac.uk/vc/public/astronomy-talks/index.html>
  - 2021 is an exciting year for astronomy, with the launch of the highly anticipated James Webb Space Telescope (Webb). Webb, NASA's and ESA's flagship mission, will revolutionise astronomy. This talk will discuss the engineering of Webb and its key science objectives as we look forward to its significant astronomy discoveries.

## **Notices for All Parents/Carers**

### **Student Opportunities**

You will see in the Student Notices and the Careers Notes sections of this week's briefing that there are a number of extra curricular opportunities for children to experience. Please look at these and encourage your child to take part. Apart from being superb educational opportunities, they may just be a welcome diversion at a time when your child cannot go many places.

### **Entering site at the end of the day – reminder**

A reminder that, at the end of the day, to please arrange to meet your child at the Tesco car park and not come on site to collect, unless we have given you authorisation.

### **Culverhouse Road**

If you are picking up your child at the end of the College day in your car, we would also like to request that you do not park in Culverhouse Road. The local residents have complained that their drive ways are being blocked during the end of the school day and this is causing them distress. It would be safer and more convenient for you to park in the Tesco carpark. This is only a short walk away for the students and there is plenty of safe parking space, with a roundabout to get easy access in any direction on Ocotal Way. There is the added advantage that the students do not have to cross the main road to get to the Tesco carpark, whereas for Culverhouse Road they do. We would really appreciate it if all of our community could respect the driveways of our neighbours in Culverhouse Road.

## **Chaplaincy news**

### **Collection of prayers**

Andrew Henstridge, the Executive Head teacher from St. Mary's and St. Catherine's sadly died last week. Many of you may have had him as your Headteacher, or have older siblings who knew his children. Mrs Mobey will be collating prayers to present to his family. Attached is a prayer card. If you would like to write a prayer, or share a treasured memory, please fill out the prayer card. Then, please email your Prayers and Reflections to Mrs Mobey – [zmobey@stjosephscollege.net](mailto:zmobey@stjosephscollege.net)

Mrs Mobey would like to present a number of prayers to be added in the final week, for Lent and Easter. If you are interested in contributing to this, please email Mrs Mobey [zmobey@stjosephscollege.net](mailto:zmobey@stjosephscollege.net), who will then liaise with you, with ideas and instructions.

### Collective Worship

#### Clifton Schools and Colleges Prayer Link – w/c 15 March 2021

This week, please could we join together in prayer for all the students, staff and families of:

- St. Joseph's Primary School, Burnham-On-Sea
- Corpus Christi Catholic Primary School, Weston-Super-Mare
- Our Lady of Mount Carmel Primary School, Wincanton
- St .George's Catholic Primary School, Taunton

#### The Prayer Box Project continues . . . .

Please continue to drop prayers and special intentions anonymously in the prayer box.

The prayer box remains in the pastoral office, alternatively please send your intentions by email to [prayer@stjosephscollege.net](mailto:prayer@stjosephscollege.net), for us to discreetly send your requests to a member of Holy Rood prayer ministry team.

The prayer ministry team at Holy Rood meet to pray fortnightly for the students and staff at St. Joseph's and offer up all your prayers and intentions.

The Chaplaincy Team

### Careers Notes

#### Virtual Work Experience Opportunities – years 10 and 11

If you apply for any of these opportunities, please let Mrs Sanders know on [ksanders@stjosephscollege.net](mailto:ksanders@stjosephscollege.net) so that we can keep a record of your achievements.

1. **SpringPod** offers a number of virtual work experience options, which will take place over the Easter holidays and require 10 hours of commitment from you. Follow the links for more details.
  - a. **Siemens** – overview of opportunities in the engineering and technology sector. Takes place between 6 and 16 April 2021. The deadline for applications is 29 March 2021. For more information, go to [Siemens Virtual Work Experience | Springpod](#)
  - b. **Dentistry** – to get an understanding of what working in this sector will be like. Takes place between 6 and 16 April 2021. The deadline for applications is 29 March 2021. For more information, go to [Dentistry Work Experience | Springpod](#)
  - c. **Fashion** - to get an understanding of what working in this sector will be like. Takes place between 6 and 16 April 2021. The deadline for applications is 29 March 2021. For more information, go to [Fashion Work Experience | Springpod](#)
2. **Speakers for Schools** offers a range of opportunities. Currently, they take place either in the Easter holidays or after school. Look carefully at the eligibility criteria; they are available to a range of students from year 9 to year 11.
  - a. **[Insight Day for Careers in Music – British Army](#)**
    - i. Dates: 14 April 2021(10am -12am)
    - ii. Eligibility: 15 – 19 year olds interested in interested in a vocation with music performance at its heart.
    - iii. Application Deadline: 14 March 2021
  - b. **[Renewable Energy Industry Insights - with GENeco](#)**
    - i. Dates: 7 - 8 April 2021 (10am – 4pm)
    - ii. Eligibility: 14 – 19 year olds interested in the renewable energy industry.

- iii. Application Deadline: 31 March 2021
  - c. **Design and Construction VWEX with Balfour Beatty**
    - i. Dates: 6 April 2021 (10am – 12pm)
    - ii. Eligibility: 14 – 19 year olds keen to learn more exciting changes being made in the industry to GO GREEN.
    - iii. Application Deadline: 14 March 2021
  - d. **Discover your Future Insight Day - University of Derby**
    - i. Dates: 7 April 2021
    - ii. Eligibility: 15 – 19 year olds interested in learning about sustainability careers.
    - iii. Application Deadline: 17 March 2021
  - e. **Discovery Day in the creative Production and Management Company, 42**
    - i. Dates: 27 April 2021 (4pm – 6:30pm)
    - ii. Eligibility: 15 – 19 year old curious about what goes on behind the scenes in film production.
    - iii. Application Deadline: 26 March 2021
  - f. **Green Skills with GTR (Govia Thameslink Railway)**
    - i. Date: 7 April 2021, 10am – 1pm.
    - ii. Eligibility: 14 – 19 year olds interested in climate change and the railway industry.
    - iii. Application Deadline: 6 March 2021
3. **Law Virtual Work Experience** – This is an exciting opportunity for year 11 students with the law firm Browne Jacobson. Law work experience is very hard to find, so if you are interested in a career in this sector, it is essential that you apply. The details are:
- a. Tuesday 6 and Wednesday 7 April, 9am - 4pm each day
  - b. Partner welcome talk
  - c. An insight to law, their different departments and areas of work (including non law routes)
  - d. Breakout rooms with solicitors in talking about different areas of law
  - e. Workshops and interactive sessions
  - f. FREE opportunity but limited spaces
  - g. Click on this link to apply: <https://www.research.net/r/Law-WEX>
4. **Rutherford Appleton Laboratory STFC Work Experience** – This virtual work experience has a number of different slots for you to take advantage of their programme. There is one running in August, but all dates are to be confirmed. This is open to year 10 and year 11. To find out more and apply, click on <https://stfc.ukri.org/about-us/work-with-us/work-experience/workexpericeral/>

### **SpringPod Insight Days**

No age ranges are given for this, so anyone can click on the links to learn more. These insight days are created to give you an idea of what working in this sector will be like. Click on the links to learn if these days are for you:

- a. **Virgin Media Insight Day** - [Virgin Media's Insight Days by Springpod \(onlineinsightdays.com\)](#)
- b. **RAF Engineering Insight Day** - [RAF Insight Day by Springpod \(onlineinsightdays.com\)](#)

### **New College for year 11**

New College is putting on a range of events for year 11 students to see what courses are available. Please see the flyer attached to this briefing, or see Mrs Sanders for more information. If you are still making decisions about your future, these events are essential for you.

**Messages from Cirencester College**

1. **Open Day – Saturday 24 April 2021 from 10.00 a.m. to 4.00 p.m.** – Please visit the college's website to book yourself a place on that day if you are in year 11 or year 10.
2. **1 July 2021 Open Evening** – Please keep an eye on the website to book yourself onto this. Again, years 10 and 11 should be interested in this.

**The next briefing will be Friday, 19 March 2021**