



This has been another successful week and I have enjoyed afternoon tea with a wonderful set of year 8 students. It is fantastic to see how well the school has settled and we are looking forward to the fast approaching half term.

Have a great weekend.

Yours in Christ

*Imogen Senior*

## Support for Families

With more lockdowns looming and whole industries facing uncertain futures we appreciate that life may suddenly become more difficult and it is unclear where to go for confidential personal support and advice concerning many different areas you might need help with.

The following link is to Suffolk County Councils Advice and Support Service, which offers a free professional advice chat line.

<https://www.suffolk.gov.uk/coronavirus-covid-19/suffolk-advice-and-support-service>

Suffolk have also set up a service called 'Home but not Alone' The service was set up to connect volunteers and vulnerable people in the height of the Covid crisis and is still going strong. So, if you find yourself isolating with no way to go out and collect supplies, need support with care needs, or loneliness. Follow the link below to connect with community support, <https://www.suffolk.gov.uk/council-and-democracy/council-news/show/home-but-not-alone>

If you feel that you could volunteer sometime within your local community but do not know how to go about it, you can also use the website to inquire how to do this.

Please remember that everyone finds they need a little extra help from time to time and so feel free to contact me and I will endeavour to find support for whatever need you have if you are having difficulty managing at this time or any. You are not alone!

Yours sincerely

*Mrs Berry*

## Year 11 Curriculum Presentation

I just want to start by saying a very big well done to our year 11s who have made such a fantastic start to the school year. They have come back with a positive attitude and have settled in very well. The year group has accrued many achievement points for engagement, participation and excellent effort.

By the end of today I will send out an email via Edulink to all year 11 parents which will contain a link to the year 11 curriculum presentation. The focus of this presentation is to inform you of the key dates, events, expectations and support we have for the students.

Have a wonderful weekend,

*Miss Cox*

## October is Black History Month

As a school and community we recognise the importance of diversity and valuing our shared humanity and history. Whilst we believe that our curriculum and students' time in school encourages them to appreciate a broad curriculum and learn about non-white experience and culture throughout the year, Black History month is a good way to highlight this and ensure that opportunities are not missed. As a school we will be recognising Black History Month through assemblies, displays, lessons and tutor times. Look out for more information throughout October.



## Masks

I know this has been in the newsletter for the last couple of weeks but there are still a large number of students coming to school without a face mask, please can you ensure your child is sent to school with a face covering. Thank you for your help with this.

## Mark Dean: Computer Architecture



Chances are, if you've ever stuck a disk drive into a computer or printed from a computer or even used a computer with a colour screen, you have computer scientist and engineer, Mark Dean, to thank for all of that.

Mark Dean was lead on the team that designed the first IBM PC! He holds 3 of the original 9 patents for this early and ground-breaking device.

One of his inventions with Dennis Moeller was of the standard architecture for a bus, not a bus you get to school on, a bus that connects the components in a computer. Having a standard architecture means you can swap in different components without having to change lots of things.

In 1996, he was named an IBM fellow, the first African American ever to receive the honour. A year later, he was honoured with the Black Engineer of the Year President's Award and was inducted into the National Inventors Hall of Fame.

In 1999, Dean led a team of engineers at IBM to create the first gigahertz chip - a revolutionary piece of technology that is able to do a billion calculations a second.

While he may not be as known as computer gurus like Steve Jobs or Bill Gates, Mark Dean's contributions to the personal computer aren't any less notable

## Science News

During the school's closure earlier this year, the Science Department began publishing a fortnightly newsletter: Science News. It was intended to report some of the most recent advances and discoveries, providing a link to where readers could view more detailed information. Now that we are back in school, we have decided to continue the Science News, but on a monthly basis.

In this month's issue there are reports about signs of possible life in the clouds of Venus; an amazing enzyme cocktail that heralds new hope for the recycling of plastic waste; a novel way of measuring temperature using sound; and much more.

The News also reports the recently announced awards of the Nobel Prize in its three science disciplines: Physics, Chemistry and Medicine. This year's awards are notable in two respects for women scientists: for the first time in the history of the Nobel Prize for Chemistry, two women (Emmanuelle Charpentier and Jennifer A. Doudna) jointly receive the award; and, in Physics, a woman (Andrea Ghez) is a joint award winner, becoming only the fourth woman in history to be awarded the Physics Prize.

Although gender stereotyping in science is not as rife as it has been in past generations, there is still a conception that science and engineering is a male-oriented domain and that successful women tend to be exceptions. The announcement of the latest female Nobel Laureates must surely inspire our current generation of female students to seriously consider a career path in the sciences.

Science News will be available online via the school's Facebook and Twitter accounts.

Mr Gregory

