Dear Parent and Student,

Congratulations to all our young people who have enjoyed a highly successful term and who have really put great effort into endeavouring to realise our ‘Be Beechwood’ goals. This edition of our weekly bulletin shares some of the highlights of the term in our photo gallery. Highlights of the term have also been visited in our ‘Celebration Assemblies’ which have been taking place in the lead up to the end of term. I am very proud of our students and all that they are achieving. It really is excellent to also see an increasing number secure 100+ Achievements Points – this is really impressive.

I hope you all enjoy an excellent Easter break. Our senior students have much to do over the holiday, and for some, attendance at Easter School is expected. This will prove really helpful in their final preparations for the forthcoming exams which commence very soon after we return from the Easter holiday.

With regard to the new term, please remember that we return on Tuesday 23rd April at the usual time. Please also reflect on the reminders shared in last week’s bulletin to enable good preparation for next term.

Very best wishes for a lovely holiday period.

Kathleen M Higgins
Executive Headteacher
Bronze Duke of Edinburgh’s Award
On Sunday 24th March, 16 year 9 students took part in a training day for their Bronze Duke of Edinburgh Award. The training day is in preparation for their expedition, which is coming up in the summer term. The training day involved route planning, first aid, nutrition and setting up of equipment.
Well done to all involved keep up the good work!

Magistrates’ Mock Trial
We had the pleasure of taking two teams from year 8 and 9 to Reading Crown Court to ‘perform’ in a court case. Our young people were adopting the role of lawyers, witnesses, legal advisers, ushers, magistrates, court reporters and court artists. This is a very prestigious public speaking competition, where we competed against schools from across Berkshire. During the day, we also had an insight into the legal justice system, got to perform in a real court room and learnt about sentencing for charges such as theft. We all really enjoyed our day and some students are reporting that they have been inspired to follow careers in law. Congratulations to all participants for their hard work in preparation and their impressive performances on the day.
Media Studies
In January Miss Doncaster and Ms Ah-Sam accompanied the Year 12 and 13 Media Studies’ students to the Media Magazine conference at London’s BFI. Students were able to hear from industry experts and pose them their questions. One of our highlights was being able to discuss journalism in the 21st Century with Ian Hislop.

NHS Careers’ event - Madejski Stadium - Reading - 20 March 2019
An excellent day was had by all. Eleven Year 12 students were given a fantastic opportunity to learn about the range of occupations available within the NHS.

Throughout the day they had a chance to meet and speak to employees in various roles within the NHS and visit the ‘marketplace’ where further information was available from university representatives as well as practitioners. Students visited three workshops, of their choice, where they had ‘hands-on’ demonstrations of clinical techniques. Entry qualifications were explained to the students.

Student comments:
‘Very informative. I went into the event with a fixed idea and came out with a wider knowledge and view of the vast amount of careers and opportunities which interested me.’

‘The workshops were extremely useful. I did have my mind set on a few careers before but now my career choice has expanded.’

‘Each workshop was very engaging and informative. I haven’t been sure about the career path I wanted to take but this event has been very useful and allowed me to gain an insight on what roles I could go into.’
Selection of photos from the event:
Year 7 - Rushall Farm
The two days, Monday and Friday, went extremely well and the staff members at Rushall Farm were very impressed with the knowledge and positive behaviour of our Year 7 students. They learned all about arable and pastoral farming, farming before vs farming now, the lambing season, how the farmers diversify and learning about the different types of soil on a farm. We know they will put this fieldwork knowledge to good effect in their Geography studies going forward.
Year 9 Boys’ football
Congratulations to the Year 9 boys’ football team who have gone undefeated this year. They played 7 games and won 7, beating Slough and Eton, Wexham, Churchmead, Langley Academy, Khalsa, Ditton Park and Lynch Hill scoring over 40 goals. Well done!

Boys’ Football
Games were played this season by years 7, 8, 9, 10 and 11. There were some comprehensive victories and some narrow defeats. The Year 10 team made it through to the second round of the cup, but were unlucky in defeat to Windsor Boys.
Girls’ Football
The year 7 girls attended a 7-a-side tournament at Wexham. It was a great opportunity to build on all the hard work they have put into training over the past season. Congratulations to this newly formed team which has massive potential.

‘What We’ve Enjoyed and our Success this Term’

O2 Telefonica - CV/Interview Skills’ Workshop
More pictures from Year 7 - Rushall Farm
STEM Event – The Bridge Challenge – Sponsored by Jacobs Engineering

First Give – Charity Fund Raising
Root Word of the Week

**DEFINITION 1:** Real, satisfactory, suitable or correct.
**EXAMPLE:** “When riding a motorbike, you should wear a proper helmet.”

**MATHS:** A proper fraction has the numerator less than the denominator.
**Example:** Two fifths is a proper fraction.

**DEFINITION 2:** Showing standards of behaviour that are socially and morally acceptable.
**EXAMPLE:** “My grandmother was very proper - she’d never go out without wearing her hat and gloves.”

**ROOT:** from Latin ‘proprius’ meaning one’s own, special

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**Helmet versus non-helmet injuries**

Crash records for the two months since Michigan's helmet ban was lifted show motorcyclists without helmets were more likely to be seriously injured or killed.

<table>
<thead>
<tr>
<th></th>
<th>NO HELMET: 129</th>
<th>HELMETED: 525</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Killed</strong></td>
<td>4.7%</td>
<td>1.5%</td>
</tr>
<tr>
<td><strong>Incapacitating Injury</strong></td>
<td>24.8%</td>
<td>16.2%</td>
</tr>
<tr>
<td><strong>Non-incapacitating Injury</strong></td>
<td>32.6%</td>
<td>33.5%</td>
</tr>
<tr>
<td><strong>No Injury</strong></td>
<td>17.8%</td>
<td>23%</td>
</tr>
<tr>
<td><strong>Possible Injury</strong></td>
<td>20.1%</td>
<td>25.7%</td>
</tr>
</tbody>
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**Incapacitating injury:** Any non-fatal injury which prevents normal activities and generally requires hospitalisation.
**Non-incapacitating:** Any injury not incapacitating but evident to others at the scene.
**Possible:** No visible injury but complaint of pain or momentary unconsciousness.
**proper fractions**

The numerator is smaller than the denominator.

\[
\begin{array}{ccc}
\text{numerator} & \frac{3}{5} & \text{denominator} \\
\frac{2}{3} & \frac{3}{10} & \frac{7}{10}
\end{array}
\]

Whereas improper fractions have the numerator equal to or bigger than the denominator.

\[
\begin{array}{ccc}
\text{numerator} & \frac{5}{2} & \text{denominator} \\
\frac{2}{2} & \frac{4}{4} & \frac{7}{4}
\end{array}
\]

\[
\begin{array}{ccc}
\frac{5}{3} & \frac{8}{5}
\end{array}
\]
A quote for you to discuss...

Atheism is so senseless. When I look at the solar system, I see the earth at the right distance from the sun to receive the **proper** amounts of heat and light. This did not happen by chance.

Guess which famous mathematician said this.

**Isaac Newton**

What was he famous for?

His work on gravity.

His work on the gradient of curves.

We study the maths he developed in A level maths.