Dear Parent and Student,

This week I would like to devote the majority of our bulletin to sharing with you the social action work that our Year 7 students have been involved in. As with Year 8, our Year 7 boys and girls have been engaged with the ‘Just Give’ Programme. They have been working hard over a number of months and on Friday they had their opportunity to secure £1,000 for their chosen project.

To help in the decision making process with regards to which Tutor Group had been the most effective and therefore deserved to draw down the £1,000 for their charity, we had the privilege of welcoming the High Sheriff of Berkshire – Lucy Zeal and the Chief Executive Officer - Berkshire Community Foundation - Gerry Lejeune OBE. It is a testament to the profile of this project that we had such prestigious judges and that representatives of a number of the students’ chosen charities were present for the event as well.

In terms of the charities, the Tutor Groups chose the following:

7RHN – Aik Saath
7FAH – Water Aid
7PKR – SHOC
7JFR – The Whitechapel Mission
7KRA – Youthline Bracknell Forest
7ABU – Aik Saath

Students would like you to know a little about their chosen charities.

**Aik Saath**
Aik Saath is a local organisation which is committed to working with young people to improve their lives, by supporting them to deal with their conflicts and helping them to value diversity.

**WaterAid**
WaterAid has teams in 28 countries across the world, transforming millions of lives every year by improving access to clean water, toilets and hygiene. WaterAid has become one of the most well-known organisations dealing solely with water, sanitation and hygiene issues.

**SHOC (Slough Homeless our Concern)**
SHOC creates opportunities for homeless people in Slough. They provide support towards recovery and transformation and help prevent rough sleeping. They have helped more than 1000 homeless people make life-changing decisions.
The Whitechapel Mission
The Whitechapel Mission has been serving the homeless for 143 years – including a day centre, skills’ training and career advice, activity programmes and specialist support for complex needs. By encouraging each person to address the issues which caused their homelessness, they help them to gain the skills and confidence to make lasting changes in their lives.

Youthline Bracknell Forest
Youthline provides a free, confidential counselling service for young people attending secondary school, and young adults up to the age of 25. They work across a number of locations within Bracknell Forest including their main base at The Lodge, Coopers Hill, and nine secondary schools.

The charity where the students’ projects were judged to have:
- shown best knowledge
- most creativity
- excellent delivery
- real commitment to the charity
- impact of their work

was ‘Youthline’ Bracknell Forest. We are delighted that this charity will receive a boost of £1,000 due to the work of Ms Ratcliffe’s Tutor Group.

Great learning came from the experience of this social action initiative. Students not only learnt about charitable work they also learnt how working as a team they could make a significant difference. We are very much looking forward to students continuing to engage in such work which embodies our ‘Be Beechwood’ values. I am very proud of our Year 7 students for what they have achieved. Well done to all.

To conclude the weekly bulletin, I would just like to wish all a really good half-term break. It continues to be a time when our public examinations students still have must to do and our best wishes and promise of continued and significant support goes with them. Many students will be in school over the half-term receiving expert assistance from members of staff. On the students’ behalf I express gratitude to members of staff for their hard work and commitment during this holiday week.

Very best wishes

Kathleen M Higgins
Executive Headteacher
Word of the Week

conclude (verb)

kuh-n-klood

Definition:
- to bring or come to an end
- to arrive at a judgement or decision

Usage:
- From these results we can conclude that the higher the temperature, the faster the reaction.
- In conclusion, the conflict poetry demonstrates the destructive nature of humanity.

Synonyms

- to finish
- terminate
- determine
- achieve
- complete
- to stop

Etymology

Prefix - From the Latin, con, meaning with or completely.
Root - From the Latin, claudiere meaning to shut.
**DEFINITION:** A large body of matter with no definite shape.
*Example:* “The sun emerged from behind a mass of clouds.”

**MATHS and SCIENCE:** Mass is a measure of the amount of matter in an object.
*Example:* “Jupiter is the largest planet and it has the largest mass.”

**ROOT:** From the Latin “massa” meaning kneaded dough, lump which is probably from the Greek “maza” meaning barley cake or lump

A **mass** can also mean a large number of people or objects crowded together:

What are this **mass** of people doing?

What do we call a **mass** of cyclists all moving together like this?

A peloton

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**The metric system uses various units for objects of smaller and larger mass.**

<table>
<thead>
<tr>
<th>Mass</th>
<th>Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milligram (mg)</td>
<td></td>
<td>Mass of a speck of sawdust</td>
</tr>
<tr>
<td>Gram (g)</td>
<td></td>
<td>Mass of a paper clip</td>
</tr>
<tr>
<td>Kilogram (kg)</td>
<td></td>
<td>Half the mass of the math book</td>
</tr>
</tbody>
</table>

A litre of water has a **mass** of about 1 kilogram.

Name some other objects that have a **mass** of about 1 kilogram.
Name some other objects that have a mass of about 1 kilogram.

What was the Cretaceous-Paleogene extinction event?

It was a sudden mass extinction of some three-quarters of the plant and animal species on Earth, approximately 66 million years ago.

**DEFINITION:**
A large body of matter with no definite shape.

**Example:** “The sun emerged from behind a mass of clouds.”

**MATHS and SCIENCE:**
Mass is a measure of the amount of matter in an object.

**Example:** “Jupiter is the largest planet in size and it has the largest mass.”

**Your Task:**
1) Write a sentence with the everyday meaning of the word mass in it.

2) Write a sentence with the maths and science meaning of the word mass in it.