Dear Parents and Carers,

Welcome to the final newsletter this term and take it as a big reminder of our Trevelyan May Fair tomorrow!!

As always it has been a busy fortnight with Sats exams for Year 6 but then a week of trips and activities this week for them which has been much more fun. Then we say ‘goodbye’ to 86 pupils in Year 5 on Monday morning who are off to Swanage for their first Trevelyan residential trip; we wish them lots of fun – and the staff too!! We look forward to hearing all their news and seeing photos of them enjoying themselves learning the geography of the area and coastlines. Let’s hope the weather is kind to them.

This week Year 6 have visited the Harry Potter Studio Tours in Watford and I think I would be safe to say, they have had a fantastic time. They had a full day there and were given lots of independence visiting the different sets and sections as well as opportunities to sit on Hogwarts Express; fly a broomstick; take part in wand magic; taste butterbeer and of course visit the infamous souvenir shop. Their behaviour was impeccable over both days and as a year group, they were a pleasure to take out and represent the school. Also this week, over another 2 days, Year 6 have gone out in tutor groups to visit Thames Water and learn about what goes on there – there is an article to read further on about these trips.

We have one more week before half term and then on our return our Year 8’s sit their transfer exams in all subjects to prepare them for their Secondary school transition. We wish them all lots of luck!

Next week Year 6 experience pirate week in their Maths’ lessons which culminates next Friday in Pirate day where all Year 6’s come dressed as pirates and have a fun Maths’ day altogether.

Finally, before I report all our news, a polite reminder of tomorrow’s May Fair between 11am – 2pm. Completely run by our faithful few PTA members, it is sure to be a fun few hours. It is not too late to come and help us, even if it is just for an hour, but please do come along and support us – bring along friends and family too. We have all hosts of games and stalls, barbecues and ice cream - as well as the popular fair items. We thank you in advance for your support and look forward to welcoming you tomorrow, come rain or shine!
From the Office

Any spare Sainsburys Active Kids vouchers laying around at home, please bring them in. We have just got under 3000 now so hoping to collect just over so we can claim some prizes.

Remember we have second hand uniform for sale from the office and also a polite reminder to name all your children’s property. Thank you.

Pupil of the week - Science

Year 5 – Megan Sentance for excellent contributions in class.

Year 6 – Zein Darouzi for working really hard all year and listening and responding to feedback.

Year 7 – Hayden Shuttlewood-Higgins for his effort and contributions in class.

Year 8 – Vili Launonen for consistent effort and excellent attitude to learning.

RE – Pupil of the Week for last week

Y8 - Sydney Jones 8AH – For good attitude, enthusiasm and great contributions to class discussions on Buddhism.

Y7 - Lily Fehin 7CO – For interesting ideas and thoughtful questions during the lessons on women in Islam.

Y6 - Alex Silk 6SS – For your hard work and fantastic effort throughout the year! Work is always thorough and detailed.

Y5 - Kathryn Hague 5RW – Positive attitude to learning, constantly stretching herself and her outstanding work on comparing her own religion to Judaism.

Year8 Rounders team

Year 8 played in a rounders tournament last week. There were two pools, we came top of ours, winning all of our games against Dedworth, St. Edwards, Churchmead, and Newlands. We then went through to the semi- final but lost our semi- final game to Charters. Overall, we came 3rd out of 13 teams The girls were: Aneeza Hassan, Amy Kemp, Fajr Baig, Maddie Fetigan, Natasha Goldsworthy, Bibi Cheema, Jas Lewis, Erin Heath and Ellie Cooper. Well done to you all!!
Here are the house point results for April.

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**Accelerated Reader winners for last week:**

Well done to you all – ten housepoints will be rewarded each.

- 5JB  James Miller
- 5DA  Freddie Chandler
- 5RW  Claudia Martin
- 5BD  Nomaan Rafiq & Lara Talbot
- 6SS  Amelia Strachan
- 6TF  Isaias De Leon
- 6LM  Sara Khan
- 7CO  Max Behenna – Bannatyne
- 7EJ  Danny Gayler
- 7DE  Rowan Julien
- 7DK  Alfie Davies

**BBC Micro:Bit**

*Image courtesy engadget.com*
The BBC Micro:Bits have finally arrived for Year 7 pupils!

In order for Year 7s to get the most out of the Micro:Bit, they will be learning how to program them and code with them in Computing lessons, including some general tips and tricks. The Micro:Bits will be available for the pupils to take home at the end of the Summer term in July.

In the meantime, you may wish to have a look at some of the brilliant resources available for activities to do with your child over the summer holidays:

What is a Micro:Bit? https://www.microbit.co.uk/

I'd like to try a few simple things with the Micro:Bit https://www.microbit.co.uk/teachers-and-parents

How does the Micro:Bit work? https://www.techwillsaveus.com/microbit/

I’d like to try some Micro:Bit activities http://faraday.theiet.org/stem-activity-days/bbc-microbit/index.cfm (free registration to access materials)

I would like to buy some peripherals to do some more interesting and advanced things with the Micro:Bit https://www.kitronik.co.uk/pdf/bbc_microbit_free_sample_pack_booklet.pdf

Any specific support required for the Micro:Bit? Please get in touch with me via the school Office email.

We are a Computing Lead School. Any further information required, please contact me via the school office.

Want to volunteer to take a Micro:Bit club? Get in touch.

Mr Jerrold.

**Year 6 Thames Water Trip**

At the time of writing this I have just got back from a very interesting yet rather smelly day out with 6LM and 6SS to visit Thames Water Treatment Centre in Slough and 6TF and 6MJ have this to look forward to on Friday. All tutor groups spent half a day at the Water Treatment Site where they learnt all about the water industry, the different uses of water and its importance and how it ends up at their water treatment site once we have used it for farming, washing, cooking etc. before finding out about the different
processes it goes through to become clean enough to pump back into the River Thames and start its journey through the Water Cycle again. Pupils took part in an experiment to investigate the chemical reactions that take place at the sewage treatment centre. They added a teaspoon or two of yeast to some sugar and added warm water. Over the top of their plastic beakers they sealed a balloon around the neck of the beakers. We then left our experiments and headed out, in full safety gear which was very fashionable, on a tour of the sewage treatment works.

We first visited the primary stage which was pretty smelly and is where the sewage water is sieved to separate the water and smaller particles of waste from larger items such as sticks, stones and wet wipes which could cause blockages to their machines. Heavier particles which make it through the sieve like sand from the river sink to the bottom of the pools and the top water is then passed to the secondary stage where the science happens. The tanks here are pumped with huge amounts of oxygen so the good bacteria has the perfect conditions to live and do its job. These pools bubble away with all the oxygen being pumped into them and there is a brown film on the surface which is the bacteria within the water which eats away on all the sewage. Once it has eaten lots the bacteria becomes heavy and sinks to the bottom of the pools and again the top layers of water passes on to the final tanks which then only contains clean water. It’s not clean enough for human use to drink but is more than clean enough to pump back into the rivers for the water cycle to happen again.

Once back in the classroom we looked at our experiments. The two substances, yeast and sugar, reacted to each other and together they made a new substance - a gas called carbon dioxide. The carbon dioxide from the reaction filled up all the space in the plastic bottle and kept rising to fill up the balloon. This represented what happens on site. At the secondary stage the healthy bacteria which has eaten lots of sewage
sinks to the bottom of the pools and is filtered out and put into large storage chambers where temperatures are heated to 37 degrees, the same as our bodies. This allows the bacteria to decompose, a bit like waste we put onto a compost heap, but the decomposition is much quicker due to the heat. As the bacteria decomposes it releases methane gas which is also collected and within three weeks the bacteria decomposes to create amazing fertiliser which farmers collect to fertilise their fields. The methane gas is then burned and this creates enough electricity to power the whole sewage treatment plant making it very environmentally friendly and sustainable.

It was a fascinating trip which helped bring to life the water cycle and demonstrated an excellent example of sustainability in action.

Mr Hooper,
Head of Humanities.

**MUSIC**

The Sound of Music schedule below will also be emailed to parents this week.
**Extra-curricular clubs**

Extra-curricular clubs will be in full swing come September. I am excited to get orchestra, show choir and band off the ground and continue the success of Trevelyan choral choir through to the new academic year. We have discussed extracurricular clubs in music lessons but if you child is interested in any of the following clubs please sign them up in the links below.

**Orchestra** – For orchestral instruments playing modern hits through to classical numbers.

https://docs.google.com/spreadsheets/d/11gOWyEywVTltnWVwkWZdAfHPaT_vRyHf8HCjDt5I/edit?usp=sharing

**Trevelyan Chorale Choir** – small group choir singing songs from artist such as Adele, Michael Bublé to Handel

https://docs.google.com/spreadsheets/d/1evRKqE4U8XpOJtQt4G8b5LvLMIPkasl0R4w3qYIT5gLQ/edit?usp=sharing

**Trevelyan Show Choir** - think Glee meets Pitch Perfect and you have Trevelyan Show Choir

https://docs.google.com/spreadsheets/d/1VYlowdKd7FgJaxfh59PxnYkRx1lM2bs21htAXsGisQQ/edit?usp=sharing

**Choir** – come along and sing a song or two, open to all

https://docs.google.com/spreadsheets/d/1eqXlf52GC7ehuuUYmcIAqyq920ly_G8a_JTm7PZN4jQ/edit?usp=sharing

**Band** – calling all bass & electric guitarists, drummers and keyboard players! This is the club for you!

https://docs.google.com/spreadsheets/d/1OcAc92YjcYOqMeQJBzkQHVp5MgasjZHuiPXOXpx00Q/edit?usp=sharing

**Instrumental lessons**

This term Berkshire Maestros are running FREE taster sessions for anyone who is interested in playing the following instruments.

- Saxophone
- Flute
- Clarinet
- Guitar (Acoustic or Electric)
- String
- Drums
- Piano/keyboard

If your child/children is interested please sign them up using the link below. If you child is interested in learning an instrument but it is not
on the list please still sign up their interest and we will work to organise a teacher to come in and order a taster session.

https://docs.google.com/spreadsheets/d/1prfXZSp3me4GFl7g2M-1LN1E2GiodU2OhzoPf_j94A4/edit?usp=sharing

If you/friends/grandparents/work colleagues/church goers have any old instruments around the house and want to get rid of them, the music department is more than happy to rehouse them. Please send them our way, any instrument would be greatly appreciated.

YEAR 5 GIRLS’ INITIATIVE

These 4 lovely girls from 5RW: Nawshin Shelim, Isabelle Murrell, Kathryn Hague, Claudia Martin (as per photo), came up to me last week with an envelope of money. They decided that they would try and raise more money after the sponsored run for our Sports England bid. They baked some cakes and then visited houses in the centre of Windsor (Frances Road and Alexandra Road) selling all the cakes and raised a superb £72.57. The girls were recognised in my assembly but thought I should share their good intentions with you all – a big thank you from us all.

Following on from this, another group of Year 5 girls have just handed me £30 by selling their drawings!! Bethany Foster, Rebecca carpenter, Fatima Altaf, Kairav Singh and Isha Islam said, ‘we thought that you deserved some extra money to congratulate
you from your run!’ This £30 will be added to the almost £8000 we have raised from all our efforts towards the Sports England Bid – a massive thank you to you all.

We look forward to seeing you tomorrow between 11am – 2pm at the May Fair. Our next newsletter will now be after the half term break so wishing Mr Jerrold, staff and our Year 5’s a great trip to Swanage next week and wishing you all an enjoyable half term break the week after. We all come back to school on Monday 6th June at the usual time.

Mrs N Chandler

Deputy Headteacher