



SCHOOL OF SCIENCE
& TECHNOLOGY
MAIDSTONE

SST News

21 April 2023

SST Ski Trip to Andorra

Miss Wigg wrote the following about the recent SST ski trip:

During the first week of the Easter Holidays (1 – 8 April), some staff and students embarked on SST's first ski trip to Andorra. Though the outward journey was delayed by 14 hours at Dover, we finally arrived at Hotel Sant Gothard after a 30-hour journey, followed by a quick dinner and bed, ready for the 6:30 am wake up for breakfast before ski fit and the first day of ski lessons.

Students were put into groups based on their ski ability – we had our beginners accompanied by Mr Lee, intermediates accompanied by Mrs Gidley and advanced accompanied by Mr Chirnside and myself on occasion. Throughout the week, there were some changes to these groups, but some honourable mentions include Henry B, Lillie C and Edie R moving from beginners to intermediate and Jamie H, Finn E, Max R, Daniel S and Harry N moving from intermediates to advanced.

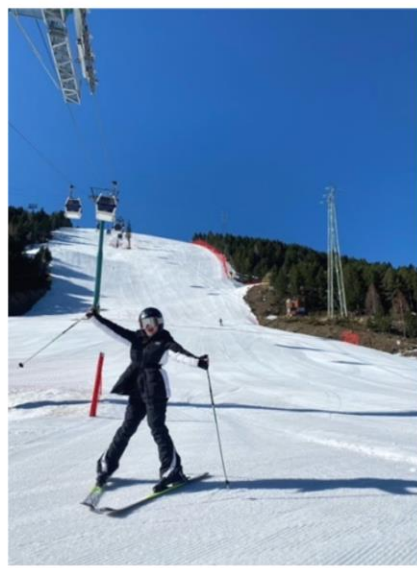
After lessons, it was back to the hotel to get ready for our après ski activities of bowling, pizza night, ice skating and shopping.

Though it was a tough week physically, everyone thoroughly enjoyed themselves, making new friends, deepening friendships with those already and having so much fun! But I'm sure one of the memorable things for some was the all-you-can buffet breakfast and dinner.

I want to finish by saying a huge thank you for the students and students who came. It was a pleasure taking you on this trip – you were excellently behaved and polite. Well done and thank you! I am looking into next year's ski trip. Watch this space!!

To view a highlights reel of the trip, please use the link [here](#).

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Year 9 Guest Speaker

On Thursday 20 April, Year 9 were lucky enough to have the opportunity of a careers talk from Andreas Zacharia, who works for the Department for Education Government Social Research profession. In addition to learning about the civil service careers available to them, students also learned about the impacts the civil service has on their everyday lives. Andreas spoke to students about the career paths that lead to social research and the skills that are needed to succeed in the field. During Andreas' presentation, he discussed how diversity is essential to allow all members of society to feel represented in all professions.

We were very grateful for Andreas coming in and speaking to our students and look forward to our students to have the opportunity to work with him again.

Further information on social research careers can be found below:

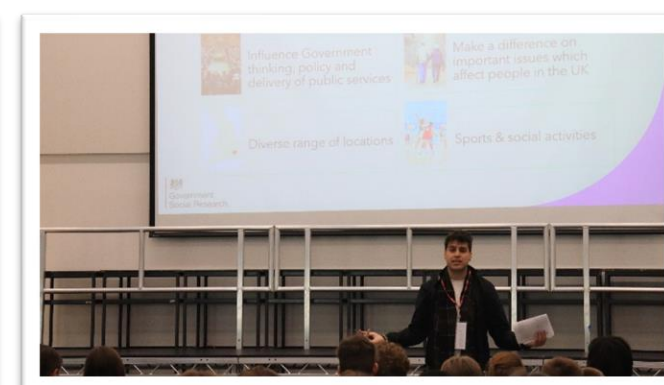
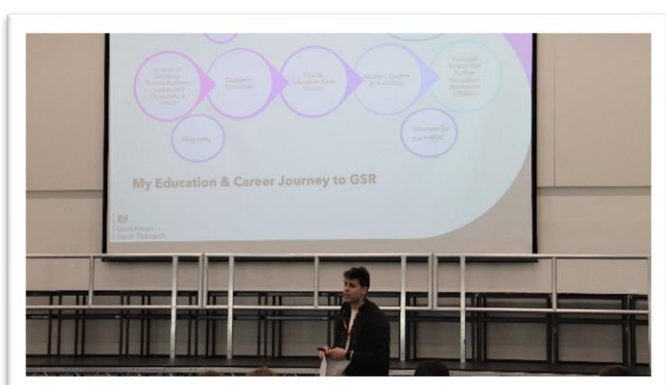
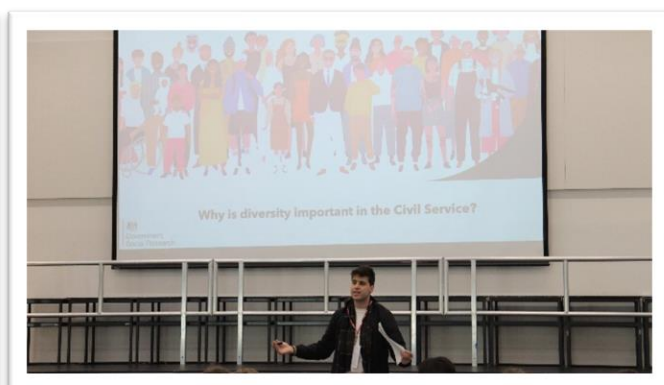
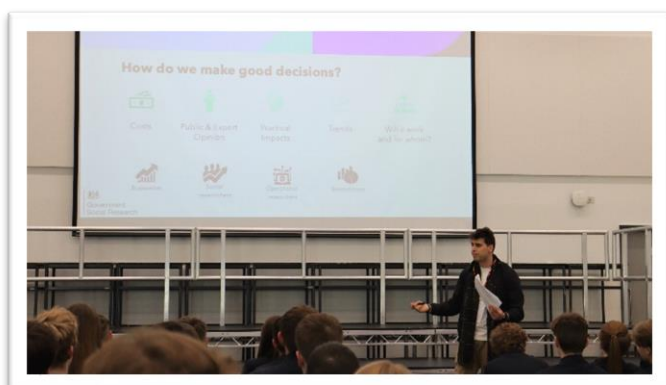
www.gov.uk/government/organisations/civil-service-government-social-research-profession

www.faststream.gov.uk/government-social-research-service

www.civil-service-careers.gov.uk

www.facebook.com/GovernmentSocialResearch

www.facebook.com/faststream



New Trust Video

Mrs Gidley was very proud of Lucas, Rohan, Abbie and Tilly for being filmed for a new Trust video this week!
Look out for it coming soon!



Student Achievement

This week, a huge congratulations goes to Jake W in 9V. Jake has been karting for the past six months, something for which he has a huge passion and is progressing extremely well. Last weekend, Jake took part in a race at Buckmore Park, where he was awarded Driver of the Day out of 54 drivers! He was awarded for his respect, clean driving and perseverance, which he demonstrated by finishing the race in 7th place after starting 18th on the grid. Jake also achieved a personal best lap time. Well done, Jake, we are all very proud!



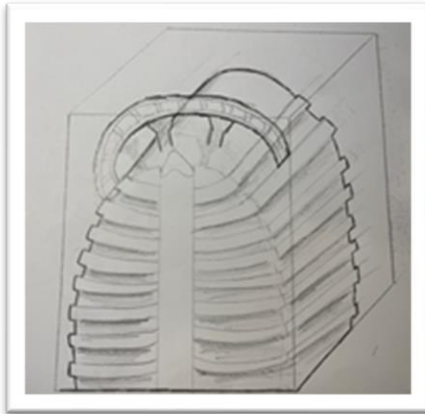
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This Week in Product Design

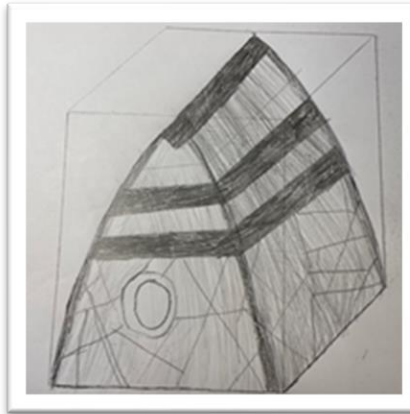
In Product Design this week, Year 8 have been using a drawing technique called 'crating' to communicate their final futuristic hotel idea. The class were given the option of 'crating' in either oblique, 1 point perspective or isometric projection.

Here are some of the amazing examples drawn by 8E, 8H and 8L this week:

Oblique:



Niamh 8H



Calvin 8H

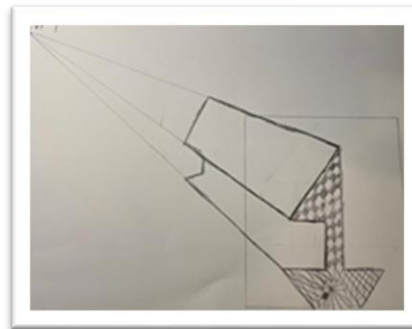


Niamh 8E

1 Point Perspective:

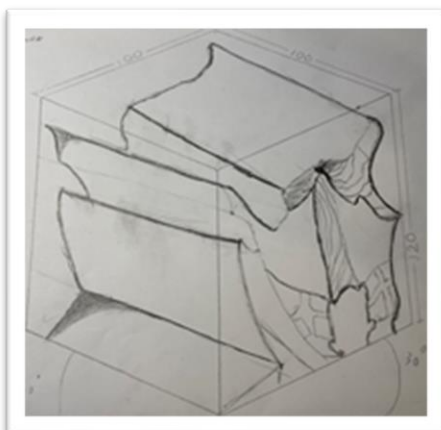


Ben 8E

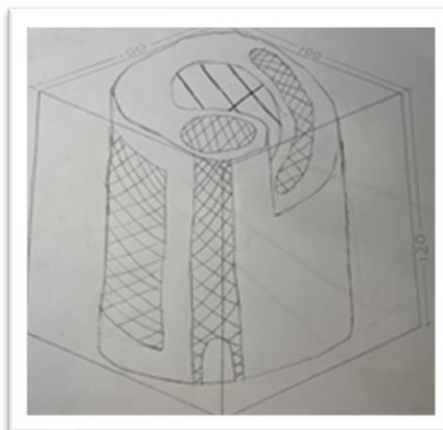


Abigail 8L

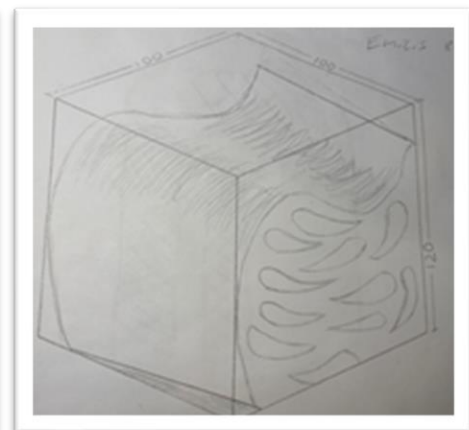
Isometric Projection:



Aston 8H



Elizabeth 8L

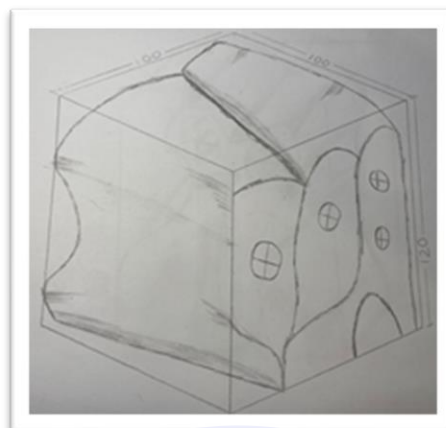


Emilis 8L

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Lucas 8L



Samuel O 8E

Library Amazon Wish List

We are excited to announce that SST is launching an Amazon wish list for the library this week. This will allow students, parents, carers and anyone else within the SST community to donate a book to our library. All books on our wish list have been carefully selected to ensure that they will be of the utmost benefit to our students. A link to our wishlist can be found [here](#). To purchase a book for the SST library, please add one of the books on our wish list to your basket and proceed to checkout. The delivery address is the following:

School of Science and Technology

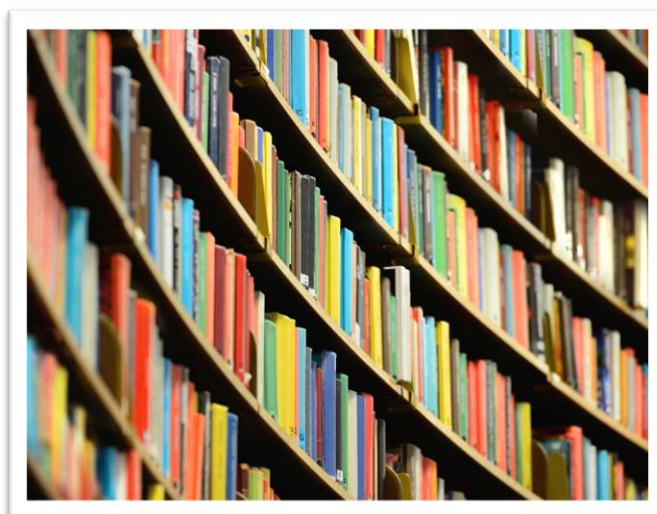
New Cut Road

Maidstone

Kent

ME14 5GQ

We really appreciate any donations that can be made to the library, and thank you to parents and carers who have already made donations of unwanted / no longer used books to our library.



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STEM Bingo Challenge

Calling all STEM Superstars! Do you have what it takes to complete the Bingo challenge? Complete the activities on the board and send evidence of completion of each activity to Mrs Chapman (h.chapman@sst.viat.org.uk). This can be in the form of photos or videos.

Prizes in the form of Amazon vouchers will be awarded for:

- 1st vertical line completed.
- 1st horizontal line completed.
- 1st diagonal line completed.
- Full house.

Entries can be sent up until the deadline of 30th June.

Good luck and get creating!

B	I	N	G	O
Build a race car, observe what happens when you change the wheel sizes	Design a marble maze, give it to a friend and see how long it takes them to solve it!	Build a boat that can propel itself across the bathtub	Write a 1 act play and design the set for it	Construct a device that can hit a target 3 times in a row
With the Lego blocks, create a secret code. Share the code with a friend and send messages to each other	Build a musical instrument, get some friends together and have a jam band!	Create a piggy bank that only you can open with a secret code or combination	Build the tallest tower you can that will survive a fan being directly blown onto it	Design something that will stop Lego pieces from hurting when you step on them
Design a device that can automatically feed a pet	Build a pencil case that will hold exactly 24 pencils	Free Space, build a spaceship and describe how it works	Design your own lego piece, design a pitch to lego creators on why it needs to be made	Make a tabletop version of a sport. Play with friends and have a championship tournament!
Design what your dream house/room would look like, label all key parts	Design a Bridge that has a span of 8 inches that can support a rock the size of your hand	Create a device that will launch a minifigure 4 feet!	Build something, write down the instructions to build it. Give them to a friend to see if they built what you build!	Take a minifigure for a walk outside. Take pictures of it on your walk. Write a story from the perspective of the minifigure
Research a famous building, design a replica of it out of Lego	Make a board game, including rules. Play with your family, get feedback to make it better	Build something that won't fall apart when you drop it from as high as you can reach	Using Lego pieces recreate a famous work of art or scene from a story	Build a tower that is 45 inches tall. But, the base is only 6 studs x 6 studs long

Cleaner Position

Cleaner

TYPE OF POSITION:	Cleaner
SUBJECT:	Support
SALARY:	£8,370
START DATE:	ASAP
CLOSING DATE:	4 May 2023, 9am

We are looking to appoint a school cleaner to join our friendly site team at the School of Science and Technology, Maidstone.

If you take pride in the work you do, and enjoy working with a great team, we'd love to hear from you.

Successful candidates will be required to work 3 hours per day (3.30pm – 6.30pm, Monday to Friday), 52 weeks per year with annual leave taken during the school holidays. Previous experience of working in a school would be an advantage but not essential.

You will be entitled to 24 days holiday each year plus bank holidays. You will also be able to access our employee benefit scheme.

To apply for this position, please complete our application form and email to: recruitment@viat.org.uk.

Mid Kent Mind Wellbeing Morning

Wellbeing Watersports Morning

Session for young people who have engaged with MKM's support before.



Would your young people like to get out on the water and try new activities - including paddleboards, kayaks, pedaloos and more? If so, they should come to our watersports morning!

Starting from 9:30am, we will be offering a fun-filled morning facilitated by the Mote Park Watersports Centre Team, and supported by our wellbeing team.

Parking is available in the carpark on site for £2 a day. Parents or Guardians will need to stay with their young people for the duration of the session.

This session will take place on the 31st May from 9:30am until midday. Scan the QR code below, or visit <https://tinyurl.com/mkmwatersports> for more details.



Mid Kent Mind Registered Charity Number 1167328

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Charity Skydive



Mental Health Awareness Week 2023 is 15 – 21 May

To raise money, which will help us create a world where good mental health is a reality for all, Mrs Cuthbert will be skydiving out of a plane at an altitude of 10,000 feet and falling to Earth at more than 100 mph.

The money raised will help deliver vital research and develop solutions to improve prevention and treatment for the 1 in 6 people affected by mental health problems every week.

Donations can be made via a Just Giving page, which can be found via this [link](#).
Thank you in advance for your support.





Wellbeing Calendar

Below is April's wellbeing calendar, created by the charity 'Action for Happiness.' For every day this month, 'Action for Happiness' has provided a mindfulness activity to promote happiness and wellbeing for all. Today's mindfulness activity is to "regularly pause to stretch and breathe during the day."



**Regularly pause
to stretch and
breathe during
the day**



ACTION FOR HAPPINESS

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Sparx Maths Support

Sparx Maths Support

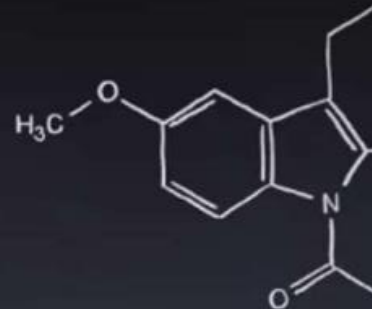
**Do you need some help with
your Sparx Maths homework?**

**Every Tuesday
from 3:05 pm to
4:05 pm in W111
with Miss Wigg**

**Email:
k.wigg@sst.viat.org.uk**

Made with PosterMyWall.com

$$2 \times 3 + 8^4 + 4 = 24$$



$A + B = 24$
 $8 + 16 = 24$

$V = 6 \times 6 \times 6$
 $V = 216 \text{ cm}^3$

$S = 6 \times 6 \times 6$
 $S = 6 \times 6 \times 6$
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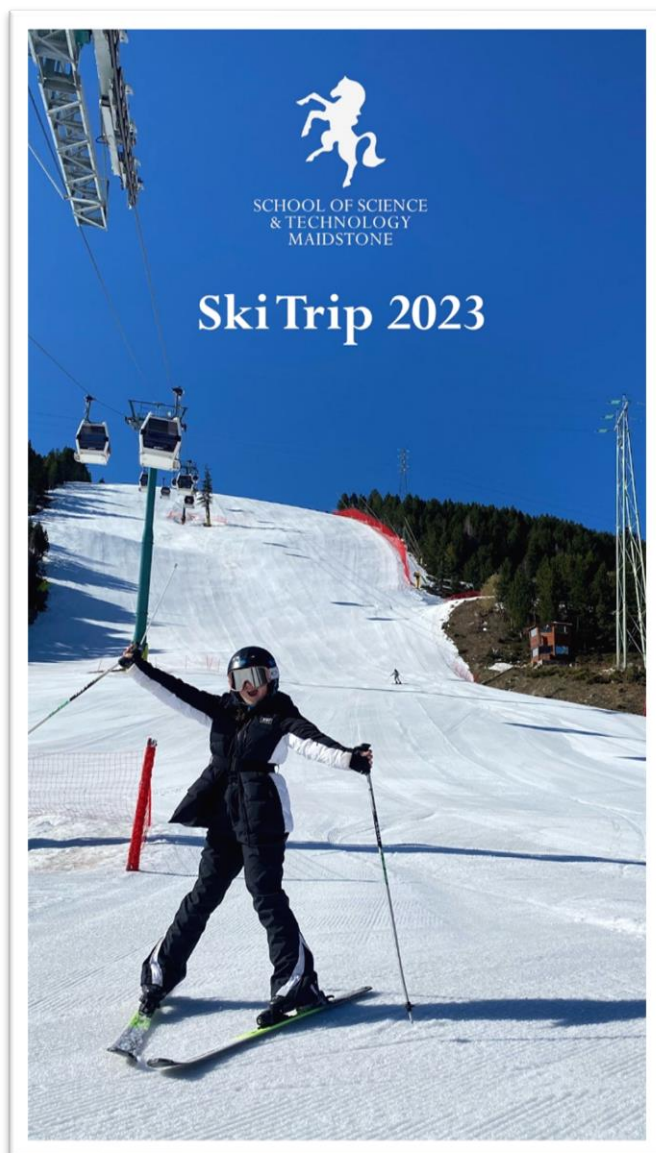
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Contact Details

Telephone: 01622 938444 | Email: office@sst.viat.org.uk

Don't forget to watch [our weekly vlog](#) and to also follow us on [Twitter](#) to see regular updates.



This Day in History

Today we have finished another successful school week, but did you know what happened on this day in history?

21 April

753 BCE Rome is founded

According to tradition, orphaned twins Romulus and Remus establish what will become one of the world's great cities. Legend holds that the twins had been saved from starvation by a she-wolf who'd found them abandoned in a cave on Palatine Hill. This area will eventually become Rome centre.

1934 Photograph published of the 'Loch Ness Monster'

The Daily Mail publishes a grainy black and white photograph which it claims is proof of the existence of the Loch Ness Monster. The image is named the 'Surgeon's Photograph', due to the photographer's wish to remain anonymous. The picture will become one of the most famous photographs of the 20th century.

Births on this Day

1729 Catherine the Great – German-born Empress of Russia

1816 Charlotte Brontë – English novelist

1838 John Muir – Scottish naturalist

1926 Elizabeth II – Queen of the United Kingdom of Great Britain and Northern Ireland

1947 Iggy Pop – American singer and lyricist

1959 Robert Smith – British rock singer, songwriter and guitarist

Deaths on this Day

1699 Jean Racine – French dramatist

1792 Tiradentes – Brazilian revolutionary and independence fighter

1910 Mark Twain – American author

1973 Merian C. Cooper – American film director, producer and aviator

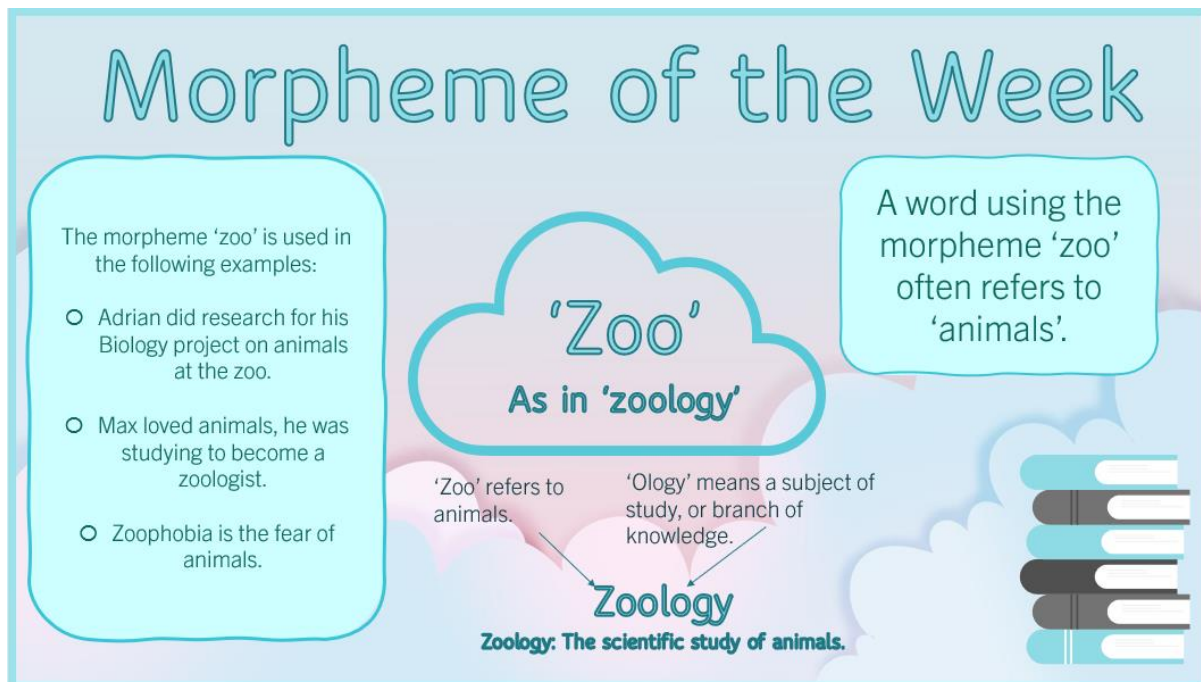
2003 Nina Simone – American jazz pianist, singer, songwriter and civil rights activist

2013 Shakuntala Devi – Indian writer and mental calculator

2016 Prince Rogers Nelson – American funk, rock, R&B singer-songwriter and musician

Morpheme of the Week

SST has launched 'Morpheme of the Week' to equip students in understanding new vocabulary. This week, our Morpheme of the Week is 'zoo'.



Morpheme of the Week

The morpheme 'zoo' is used in the following examples:

- Adrian did research for his Biology project on animals at the zoo.
- Max loved animals, he was studying to become a zoologist.
- Zoophobia is the fear of animals.

'Zoo'
As in 'zoology'

'Zoo' refers to animals.

'Ology' means a subject of study, or branch of knowledge.

Zoology
Zoology: The scientific study of animals.

A word using the morpheme 'zoo' often refers to 'animals'.

Students have been rewarded with an Achievement Point for using the MOTW correctly.


Restaurant Menu

Please see below the restaurant menu for the following school week:

WEEK 2


Classic Favourites

MONDAY



EASTERN

TUESDAY



Great British

WEDNESDAY




SOUTHERN STYLE

THURSDAY



Fish & Chips

FRIDAY



MAIN MEAL

TRADITIONAL SAUSAGE & MASH
Onion Gravy

THAI GREEN CHICKEN CURRY
White Rice

ROAST GAMMON
Stuffing, Yorkshire Pudding, Gravy

TOGARASHI SPICED MINCED BEEF
50/50 Carrot Rice

FRESHLY BATTERED FISH/
SALMON FISHCAKES

VEGETARIAN MEAL

VEGAN SAUSAGE & MASH
Onion Gravy

VEGETABLE PAD THAI NOODLES

CHEESE, LEEK & BUTTERNUT SQUASH PIE
Mashed Potatoes, Gravy

VEGETABLE & SOYA BEAN SPRING ROLL
50/50 Carrot Rice

QUORNISH PASTY

VEGETABLES

PEAS CARROTS

LIME & CORIANDER SLAW

SEASONAL VEGETABLES
SEASONAL SALAD

SOY GLAZED CRUNCHY VEGETABLES

PEAS CHIPS

TOMATO & BASIL

PASTA POTS

PESTO PASTA

VEGAN BOLOGNAISE

CHEESE SAUCE

CARBONARA

ARRABIATA

JACKET POTATO

TOPPED WITH A CHOICE OF CHEESE, TUNA OR BEANS

HOT PUD

CLASSIC APPLE PIE
Custard

CHILLED COCONUT RICE PUDDING

JAM SPONGE
Custard

CREPE BAR
Fruit Toppings

BOSTON BROWNIE
Chocolate Sauce

FRUIT POT

SELECTION OF FRUIT POTS AVAILABLE DAILY

JELLY POTS


SELECTION OF JELLY POTS AVAILABLE DAILY

YOGHURT POTS

SELECTION OF YOGHURT POTS AVAILABLE DAILY


TRY OUR HOME-MADE SOUP
WITH FRESHLY BAKED BREAD

LOOK OUT FOR AMAZING BLUE DOT MEAL DEALS



PIZZAS, WRAPS & PANINIS
FRESH OPTIONS EVERY DAY

TAKE HOME A TAKEAWAY
Collect Before You Go Home

LUNCH MEAL DEAL
Check out what's on offer today!



WATCH OUT FOR OUR POP UP & STREET FOOD PROMOTIONS


All of Our Deli Range, Sandwiches, Salads & Desserts are
FRESHLY MADE HERE DAILY

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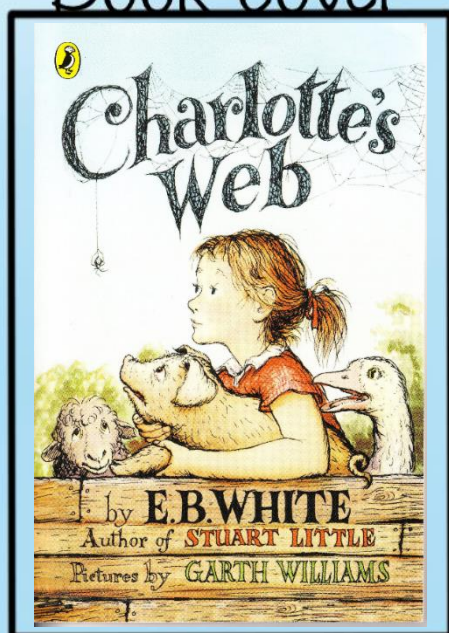
Book of the Week

Here at SST, we are very passionate about reading. We know that the more a student reads, the more accessible all parts of the curriculum and their learning become. Have you read our 'Book of the Week'? This week, it is 'Charlotte's Web' by E. B. White.

Book of the week

Book cover

Blurb



*This is the tale of how a
little girl named Fern,
with the help of a friendly
spider, saved her pig,
Wilbur, from the usual
fate of nice fat little pigs.*

Charlotte's Web is a very well-known classic children's book, first published in 1952. It tells the story of Wilbur the pig, who was raised on a farm by a young girl named Fern. However, as Wilbur grows older, he learns that the farmer intends a very grim fate for him indeed. So, it is down to Fern, and an amazing spider named Charlotte, to save Wilbur. The popularity of this book has encouraged multiple publishers to each publish their own editions, as well as the creation of a motion picture film.

The author, E. B. White, who also wrote Stuart Little, was born in New York on the 11th of July 1899. After studying at Cornell University, and trying out a host of careers, White finally joined the New Yorker magazine at the age of 28, two years after writing his first article for them. It was there that he met his wife, Katherine Sergeant Angell – the magazine's first fiction editor, who he married not long after. While working there, White also wrote a host of children's books, including Charlotte's Web and Stuart Little, and received the Laura Ingalls Wilder Award for distinguished services to children's literature.

For more information on 'Book of the Week' please speak to Miss Garland or a member of the library team.

Accelerated Reader Book Level: 4.4



Online Safety Spotlight

Trolling is a form of cyberaggression. It involves the sending of malicious, abusive or derogatory messages by one user (a 'troll') to another user online, with the intention of upsetting or harassing them, or damaging their reputation. Trolling is often anonymous and does not meet the definition of bullying, yet has the potential to develop into online bullying. Trolls will often goad others until they react. They enjoy putting people down and causing discord, starting arguments or being inflammatory – stirring things up for their own entertainment. Trolling may take the form of a one-off offensive comment, hate speech or even threats made online.

In the guide, you'll find tips on avoiding potential risks such as mental wellbeing, damaged reputation and age-inappropriate language.

At National Online Safety we believe in empowering parents, carers and educators with the information they need to hold an informed conversation about online safety with their children, should they feel it is needed. Please visit nationalonlinesafety.com for further guides, hints and tips for adults.

Part of our Online Bullying Series

NOS
Online Bullying

Brought to you by
NOS
National Online Safety
www.nationalonlinesafety.com

What you need to know about... TROLLING & ONLINE ABUSE

What is it?

'Trolling & Online Abuse'

Trolling is a form of cyberaggression. It involves the sending of malicious, abusive or derogatory messages by one user (a troll) to another user online with the intention of upsetting or harassing them or damaging their reputation. It is often anonymous and does not meet the definition of bullying yet might develop into online bullying. Trolls will often goad others until they react. They enjoy putting people down and causing discord, starting arguments or being inflammatory – stirring things up for their own entertainment. Trolling may take the form of a one-off offensive comment, hate speech or even threats made online.

Know the Risks

- May cause distress**
Children can be particularly vulnerable to online trolling and online abuse. Receiving offensive comments for no reason can cause young people distress and increase feelings of anxiety and worry.
- Impact on wellbeing**
Trolling which is targeted and persistent can have a huge impact on children's mental health and wellbeing. It can lead to low self-esteem and create feelings of worthlessness and dissatisfaction, potentially affecting how children see and feel about themselves.
- Could damage reputation**
Online trolling can be humiliating for the victim and can negatively impact on how they are perceived online or on social media. Trolls might goad children into reacting or saying something they might regret and then sharing those comments widely to purposely paint them in a negative light.
- May affect home and school life**
Children who constantly receive hateful and spiteful messages online can become isolated and withdraw from daily life. They may become depressed, angry or unable to sleep at night. Their school performance may suffer and it may impact on their behaviour at home.

Safety Tips

- Have open dialogue**
It is vital to have conversations with young people about the hate speech, anger and prejudice that are all around them and explore what resilience they may have. Keep the dialogue always open so that young people have trusted adults to turn to.
- Discuss online behaviour**
Discuss what is acceptable behaviour online and what is inappropriate, unacceptable or against the law. Warn against reacting even more aggressively towards online trolls, reminding them that their digital footprint will outlast the current problem.
- Implement privacy settings**
Make sure that children are only using age-appropriate apps. Make their profiles private so that only friends and family can interact with them online and turn off comments if you're concerned about what other people might say.
- Teach critical thinking**
Help young people to spot trolls or when people are 'stirring it' on social media. Talk to them about people who might dare them to do risky things or encourage them to post negative comments online so that they recognise them and don't become an online troll themselves.

Further Support

- Report to platform**
Understand the tools available on the platform where trolling is taking place and whether or not it is moderated. Check out the community guidelines to see if the behaviour contravenes them and then if so, report it, block, unfriend or unfollow the sender where possible.
- Collect evidence**
Always try to screenshot or take a photo of the negative posts or comments made online. Report the incident to your child's school, police or local authority who will be able to investigate further.
- Seek professional advice**
If your child has experienced negative effects on their mental health and wellbeing due to trolling online, ask for additional support from your school's local safeguarding officer or seek professional help from charities who will be able to offer further advice and guidance.
- Seek support from friends**
Friends can be supportive to one another and can be encouraged to flock to post positive messages when someone is targeted. Ask your child's friends for support – like-minded people can act together positively and they may help to build their confidence and self-esteem.

Our Expert

Adrienne Katz

Adrienne Katz is an award-winning cyberbullying expert with extensive experience of working with schools and education providers to deliver training in online safety. She is the founder and leader of the annual national Cybersurvey, providing one of the richest databases of young people's views on digital life in the UK and has previously worked on government level projects funded by the Home Office and The Princess Diana Memorial Fund.

www.nationalonlinesafety.com Twitter - @natonlinesafety Facebook - /NationalOnlineSafety Instagram - @nationalonlinesafety

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