



Safer Internet Week 2020 @ Old Palace



Last term students from Prep and Seniors got involved with activities to do with internet safety. A variety of competitions, assemblies and learning took place.

Zoe, Faith, Calah, Alex, Emily, Lily, Zainab, Feran and Nuwaylah went to the Prep School to teach Years 3, 4 and 5 about how to stay safe on the internet and not to accept or talk to anyone you do not know. They performed a play and did multiple activities with younger pupils about what to do in situations you do not feel comfortable in. It is important to know what to do if you are scared or worried and to remember to always tell an adult.

Ria, Beth, Rohaan, Jathusha, Laura, Amy, Indrani, Dimanthi, Temioluwa, Christina, Lizzie and Charlotte also went to the Prep school, but instead did an assembly as well as teaching some of the younger students. They taught the students to never give out your personal details to people you do not know as you can be scammed.

Natalie, Prisha, Tusara, Amy, Dana, Sarina, Anouska, Mosfera and Maryam did assemblies on the Tuesday, Wednesday and Thursday to students at Seniors. They reminded everyone that sometimes people are not who they say they are and people can change very easily. The Digital Leaders also hosted a competition to write and perform and E-Safety rap. Many people entered and it was fun all round.

Another competition that took place was to design an internet safety mascot. The entries were very impressive, creative and colourful. On the last day Lily, Manasi and Cecilia hosted an internet safety quiz in Whitby. The quiz was open to all years and was a great experience for people to learn more about E-Safety and how to stay safe online.

Zoe, Year 8 Digital Leader

Deepfake - "Can we trust the Internet?"

Our Safer Internet Week Assemblies

This year, Old Palace held its annual Internet Safety Week during the Spring Term. Internet Safety is a special week held by the Computing Department at Old Palace each year, and its main aim is to make students at Old Palace aware of the numerous dangers of the internet and all the tips and advice that they need to stay safe online.

As part of the week, the Digital Leaders presented in assemblies to years across Seniors on a very controversial topic, "Can we trust the Internet". This was about the editing software "Deepfake".

Deepfakes are synthetic media in which a person with an existing image or video is replaced with someone else's likeness, by using Artificial Intelligence. It uses a form of Artificial Intelligence called Deep Learning, to make images of fake events.

Real



DeepFake



Deepfake came to everyone's attention in 2019, when a viral video of the American Comedian, Bill Hader in conversation with David Letterman on his late-night show in 2008, showed Deepfake software being used to morph his face into the face of the American Actor, Tom Cruise.

The creator of the video, a Slovakian citizen resident in the Czech Republic, said that his unsettling face swapping videos were an attempt to highlight the age of fake news and make people aware that not everything they see online is necessarily true.

So, how are these convincing but fake videos made? It only takes a few steps to make a Deepfake video. Firstly, thousands of facial photo shots of the two people who are going to feature in the video are run through an algorithm called an "Encoder". The encoder then learns similarities between the two faces, and reduces them down to the shared features compressing the photos in the process. A second algorithm called a "Decoder", is then used to recover the images that have been compressed. Finally, to perform the face swap, you have to feed each face into the wrong decoder, and the faces are finally swapped.

As technology is advancing exponentially, it is becoming harder to identify which videos online are Deepfakes and which are genuine? One way to figure

continued



Deepfake - "Can we trust the Internet?" *continued*

this out, is if the videos show that the person is not blinking normally. This is because the majority of pictures that are used are of people whose eyes are open. Therefore the software is not able to pick up the movements of the eyes properly.

Deepfake is one of the endless ways that the internet can fool you and it is evident that nowadays we need to be extra cautious about what to believe when online.

Overall, we feel that this week was a great success and it would not have been possible without the support and help of the staff at Old Palace as well. We would also like to thank the Computer Science department at Seniors and Prep for helping and organising this week for the whole school.

Ria, Year 10 *Digital Leader*



Year 9 & 10 Teaching Reception, Year 1 & 2 about being Safe Online

Digital Leaders at Seniors went to Prep to talk to some of the younger students about online identity and how to be safe online.

The group I was in was talking to Reception and Years 1 and 2. We had a short talk about internet safety and the basic ideas that they might need on how to stay safe online (for example tips such as not to give away personal information). This was followed by activities including watching a fun video (which was popular with

Reception), which summarised our talk but had a song.

There were also colouring-in pictures of internet safety mascots with messages about online identity and online safety, plus a word search which included words linked to internet safety.

For Year 2, we also included a quiz to see how much they learned. They did surprisingly well! Well done!

Rohaan, Year 10 *Digital Leader*





Quiz time – Staying Safe Online



During the exciting time of Safer Internet Week, and as I am a Digital Leader, I was offered a challenging

opportunity to create and present a PowerPoint quiz about being safe online.

As I had also taken on this challenge last year, this further encouraged me to set higher standards this year, so the quiz could be more beneficial to the students of Old Palace Seniors.

Compared to last year, the new 2020 quiz was a lot more difficult and included elevated professional vocabulary, even though the number of questions (30) remained the same. The quiz was out of 35 marks. If you got 30 questions or above correct then you

would receive a merit. The quiz was created in collaboration with two other Digital Leaders in the same year group as I.

The feedback given from the Head of Computer Science, was that the 2020 quiz attracted more participants compared to 2019, and participants stated that they found the 2020 quiz more challenging. This in turn demonstrated that the quiz was a success. Overall, the Head of Computer Science was very pleased with the outcome.

Manasi, Year 8 Digital Leader



Our E-Safety Play at Prep

As part of Safer Internet Week, the Year 8 Digital Leaders wrote and performed an on-line safety play for Years 3, 4 and 5 at Prep. After the performance, the Digital Leaders then set a series of learning activities for students based on the themes in the play.

Here is an extract from the play:

Act One

Lilly: There was a girl named Sally Wilkins. She loved playing video games and her game avatar looked exactly like her. Her username was Sally_Wilkins.

Nuwaylah: One school evening, she was playing video games on her computer. A person texted her:

Melissa: 'Hey Sally!' Her avatar looked like a girl similar to her own. She replied:

'Hello?' The anonymous person said 'You know me right? I'm your friend, Melissa, from schooooo!'

Nuwaylah: She doesn't know who Melissa is but replies:

Sally: 'Yes' (With hesitance)

Lilly: She is very lonely at school and has only one friend, Ellie. (Ellie comes out to wave briefly then exits)

Melissa: 'Let's meet after school on Friday outside the school gates. I have a surprise for you but first you have to open this email I'm going to send you, and tell me ALL (emphasise all) about yourself. Then we can really be friends.

Nuwaylah: She opens the email Melissa sent her and it says:

Melissa: I'm Melissa Paddington, I'm 10 years old and I love puppies and

unicorns. I have one older sister and a younger brother. I go to a local High School.

Nuwaylah: Sally reluctantly writes the message. The email reads:

Sally: Hi I'm Sally Wilkins. I'm 10 years old and I live in Croydon. I have two younger brothers and one older sister. I have two puppies called Kenny and Bella and I go to Old Palace Prep school.

Lilly: She was about to send the text, but her mum said:

(Enter Calah)

Calah: Go to bed or you will be tired tomorrow. Remember to log off and you ought to change your password. Remember SMART: Safe, Meeting, Accepting, Reliable and Tell. Good night!

continued



Our E-Safety Play at Prep *continued*

Act Two

Lilly, Zainab, Alex, Calah, Faith, Nuwaylah, Feran, Zoe, Emily

(Lilly And Nuwaylah in the same places as Act One. Sally and Ellie sitting cross-legged on the ground facing Faith, who is teaching)

Lilly: The next day, Sally's class had an internet safety lesson at school.

Sally: Miss Harper, I was playing a video game yesterday and a girl, called Melissa, that I don't know, started talking to me. She seemed very nice and she asked me to tell her about myself. I was about to send the email, but I didn't get the chance to.

Miss Harper: People like Melissa may be fake and if you feel that there is something 'off' (*stress the word off*) about them, tell an adult and report them to the police. Never tell strangers personal

Nuwaylah: Sally was walking out of school when she saw a note on the floor. It said:

(Sally enters with bag on back and picks up the note, this is Melissa's que)

Melissa: 'It is me, Melissa, meet me next to the bench'

Lilly: She quickly walked away to go tell her mother to take her home but a strange man grabbed her arm.

Sally: 'Where is Melissa?' (In an urgent tone- Do not make eye contact with Melissa)

(Melissa exits in a ghost-like manner, unnoticed)

(Andy jumps out from bush)

Andy: 'You've been tricked! (*Insert evil laugh*) I fooled you and now I will kidnap you and ask your parents to give me loads of money.'

Nuwaylah: Ellie came out of school just then and saw what was happening so she ran to Sally's Mum who called the police.

Lilly: The Police arrived just in time to save the day!

Policewoman: I have arrived!

Everyone on set: Yay!

(Andy is arrested, Ellie and Sally run to Mum)

Faith: Remember SMART: Safe, Meeting, Accepting, Reliable and Tell. (*Step back*)

Calah: Stay safe online; do not give out personal information

Emily: Do not meet up with people you do not know. (*Step back*)

Zainab: Do not accept e-mails from people you don't know.

Zoe: Make sure the person you talk to is reliable - that they are who they say they are (*Looks around for Andy who is by the door now and walks towards him and keeps him in sight*)

Alex: If you think something is off tell a trusted adult immediately.

Nuwaylah: Thank you for watching

Lilly: We hope you enjoyed it.

The Year 8 Digital Leaders





What did the Year 7 Digital Leaders do in Safer Internet Week?



During Internet Safety Week, a group of Year 7 Digital Leaders ran some internet safety assemblies. As the theme of 2020's internet safety week was online identity, we decided to compile a debate about whether or not the internet is a place you can trust. Having asked each year what they thought, most of the school (and teachers!) decided the internet is not a safe place.



It was really exciting and nerve wracking presenting in front of everyone, but we all enjoyed it and we improved our public speaking skills.

Thank you to the Computer Science department and IT support for helping it all go ahead.

Natalie, Year 7 Digital Leader

Internet Safety Mascot Competition

Students were asked to design a mascot to help promote Safer Internet use. The mascot had to be completely original and not copied. After a huge number of very high quality entries, the judges had the difficult decision of choosing the winners:

First Place: Kiyah Year 8 (£15 Amazon gift card prize)

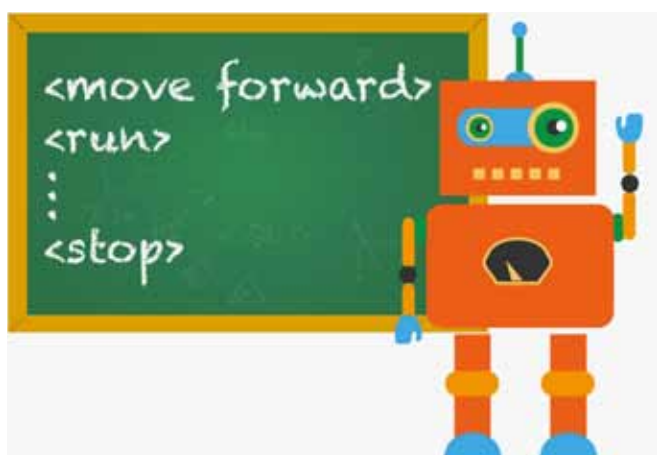
Second Place: Ava Year 8 (£10 Amazon gift card prize)

If you have not won this year, we greatly appreciate your entry and encourage you to try out again next year. Thank you to all those who participated.

The Year 10 Digital Leaders

These are examples of some of the entries:





Last term, as the Computer Science Prefect, I ran a competition for Internet Safety Week where students were challenged to create a game in whatever programming language they liked (e.g. Python or Scratch) which promoted the idea of e-safety and being careful online.

The winner of this competition was Phoebe in Year 8 and the runner-up was Clodagh in Year 8. Congratulations to these students, your games were very fun to play and you clearly know how to be safe online. Well done! Both the games were programmed in Python and featured a chat-bot style question and answer quiz with retro style graphics. I hope this inspired the students to code more as programming is an excellent way to express one's creativity!

Shreya , Year 12 Computer Science
Prefect and Lead Digital Leader



Online Safety Rap Competition

As part of Safer Internet Week, students were asked to write and possibly perform an online safety rap or rhyme in front of a panel of judges.

Here are a selection of some of the entries:

BE S.M.A.R.T RAP

Stay safe when you're online,
don't give out you're info and you'll be fine.

Meeting people you don't know could be bad,
it'll make all your family and friends sad.

Accepting messages from strangers,
can lead to dangers.

Reliability isn't always there,
so you must always be aware.

Tell an adult you trust,
if you see anything you distrust.

Be S.M.A.R.T
and you will bring us all safety.

Stay safe and watch your backs,
stay away from the online maniacs.

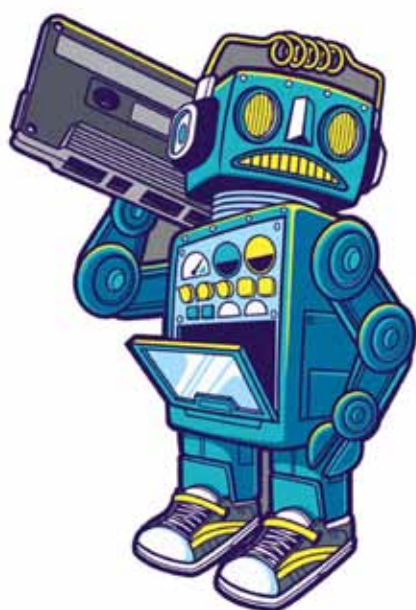
Jasmine and Nicola, Year 9

E-Safety Rap

So this is a short story about a girl Melissa,
Never seen a worse catfish we won't miss her,
Just gone phishing but without any rods,
No one can catch her what are the odds?
She hides behind a mask online, she is a crook,
She steals your password, you'll be left shook.

Sally was a young girl, only 19,
She had been online banking, that's where she'd been.
Sally sees an advert clicks on the link,
A new virus on her computer makes her rethink.
This was sent by that girl Melissa,
She was a scammer, a bright, young brat.
Melissa was the cat, Sally the rat,
Gobbled up in one, it weren't good fun.
Sally was too slow to see the signs,
Now she sits crying on the side lines,
Everything was taken,
PASSWORD, EMAIL MONEY, she was shaken.
So remember kids, when you're on the web,
Don't let this young out of your head.
That's a rap, have a good day.
THE TRANSISTORS HAVE TAKEN IT AWAY!!!

Zainab, Feran and Alexandra, Year 8





Online Safety Rap Competition *continued*

Be Safe Online Rap!

I'm sittin' here in the boring room,
It's just another rainy Sunday
afternoon,
I'm wasting my time,
I'm searching it up,
Something I don't want to see,
Just comes up.
But something might happen,
And I wonder!

I'm walking around on my phone,
I'm walking to fast,
And I'm walking too far.
I'm going to meet someone from
online.
Do not do this I could have died.
And something might happen,
And I wonder.

I wonder how,
I wonder why.
Yesterday you told me 'bout the
Ts&Cs,
And I'm under the required age
Have your priorities,
I'm flickin' the screen
up and down

I'm searchin' searchin' searchin'
searchin it up
And all I can find is just a whole
bunch of lies!

Say nope, no no no n no no nope no
no no n nope no no no n nope.

I'm sitting here,
I missed my call,
I'd like to go out,
But I'm addicted.
There's a pack of lies inside the net.

My eyes feel so tired,
I don't put them to bed,
Well nothing ever happens,
And I wonder,
Theeee webbbb is not good for you,
Wick'd pediaa is not good for us and I
don't wanna be wrong,
I'm searchin' around in a desert of
danger,
Honey, how am I ever gonna get rid
of the scar?
And cruel words could happen,
And tell a teacher,

I wonder what,
I wonder why,
It's the day you told me 'bout the
cyber bullying,
And all that I can see is just the
hurting words,
The tears are going down and down
They're rolling rolling, rolling, rolling
down,
And all that I can see is just another
bad word,

And I wonder wonder. wonder,
Why,
I why wonder,
I wonder how.

Yesterday you told me 'bout the phi-
shing,
And all that I can see, and all that I
can see, and all that I can see is my
personal Info everywhere.

Arabella and Beatrice, Year 7

