



**Primary
Computing**

Inclusion

F1 in Schools



**Common
Sense Media**

Design Thinking

**Immersive
Experiences**

HIS_DIGITAL MAGAZINE

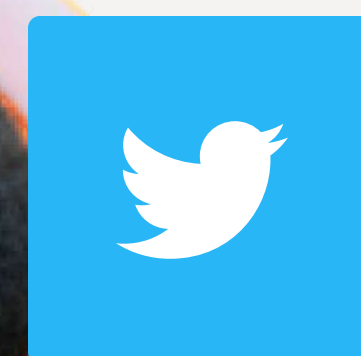
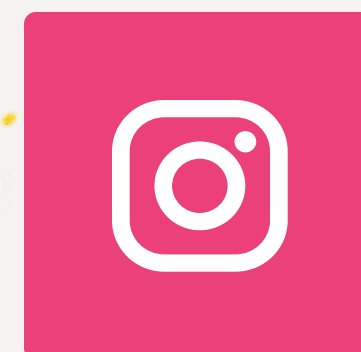
October 2021 Edition 5

ePlanner

Big Data

JavaScript

**Reading
Revolution**





Shakuntala Devi

"Education is not just about going to school and getting a degree. It's about widening your knowledge and absorbing the truth about life"



EDITORS NOTE

HIS_Digital is back!

A new edition to see in the academic year 2021/2022 with a publication full of digital learning, immersive experiences and 21st century quality first teaching which is taking place at Horizon International School.

A special thank you to all of the contributors to this half terms edition. It has been a mammoth task putting this publication together, simply because of the vast amount of content available. Credit to you all for the effort and work you are putting into making our young students education experience that much better, different and forward thinking.

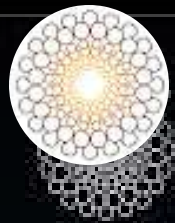
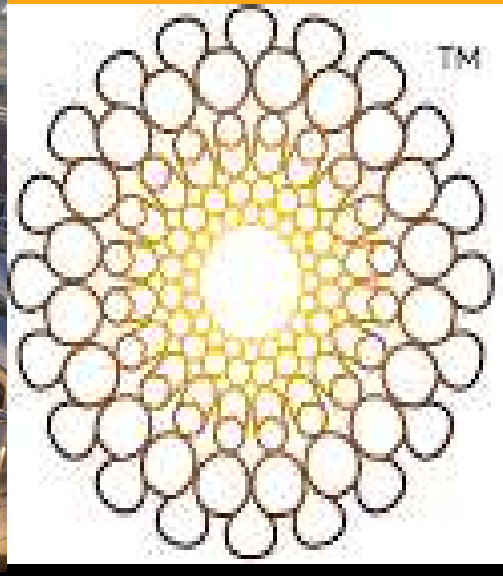
To our Horizon International School community, if you feel there is something you would like to feature in our HIS_Digital publication and will impact our students, please do reach out to myself or your class link and we can look to make it happen!

Finally, I hope you enjoy the latest edition of HIS_Digital. Please do take your time and read through the publication, clicking on the interactive elements embedded within certain pages to gain a true understanding and experience of how our students learn, feel and progress.

Mr. Petkar
Head of Digital Learning, Technology & Innovation.

"Technology will never replace great teachers, but technology in the hands of great teachers is transformational."

George Couros



This is Our Time *هَذَا وَقْتُنَا* - Expo 2020 Dubai...

EXPO 2020
دبي ٢٠٢٠
DUBAI UNITED ARAB EMIRATES

EXPO 2020 DUBAI OFFICIAL THEME SONG



Watch later




Share

هَذَا وَقْتُنَا
THIS IS OUR TIME
HUSSAIN AL JASSMI, ALMAS, MAYSSA KARAA

EXPO

2020



Watch on  YouTube



IT'S SO GOOD TO BE **#TogetherAgainDubai!**

So what's changed?



**SPORTS & SWIMMING
ARE BACK ON**



**ASSEMBLIES
AND PERFORMANCES
ARE ALLOWED**



**SCHOOL TRIPS
AND CAMPS
CAN GO AHEAD**



**SCHOOL CANTEENS
ARE OPEN AGAIN**

Staying safe at school



**MASKS ARE A MUST
FOR STUDENTS OLDER
THAN 6 YEARS**



**ONE-METRE PHYSICAL
DISTANCING
RECOMMENDED**



**SCHOOL BUILDINGS
SANITISED REGULARLY**



**SPOT CHECKS OF SCHOOLS
BY KHDA COMPLIANCE
TEAM**

BEING TOGETHER IS A PRIVILEGE. TO CONTINUE TO ENJOY
THESE PRIVILEGES, IT'S CRUCIAL THAT WE ALL COMPLY WITH
HEALTH & SAFETY PROTOCOLS AT ALL TIMES.

F1 in Schools



Aramco F1 in Schools World Finals 2020(2...



Watch later



Share



Event Highlights

Watch on  YouTube

F1 in Schools!

Horizon International School are participating in the 2021/2022 F1 in Schools competition where students create their own Computer Aided Design F1 car. Students have to follow strict technical requirements and have to produce a car based on various strands of marketing, research, production and more. Our teams are ready for the challenge and are looking forward to entering the regional heats, looking to progress to the World Global Finals!

This is such an exciting project and we cannot wait to see how it all unfolds.



Common Sense Media

GET PLUS

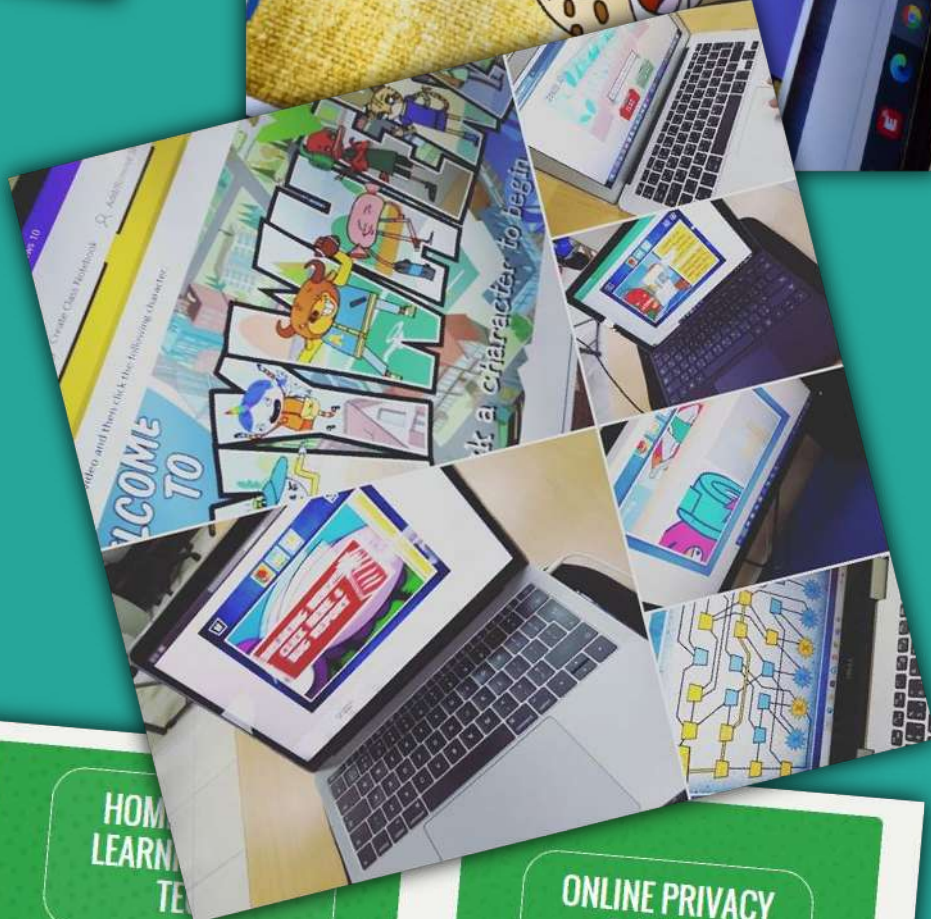
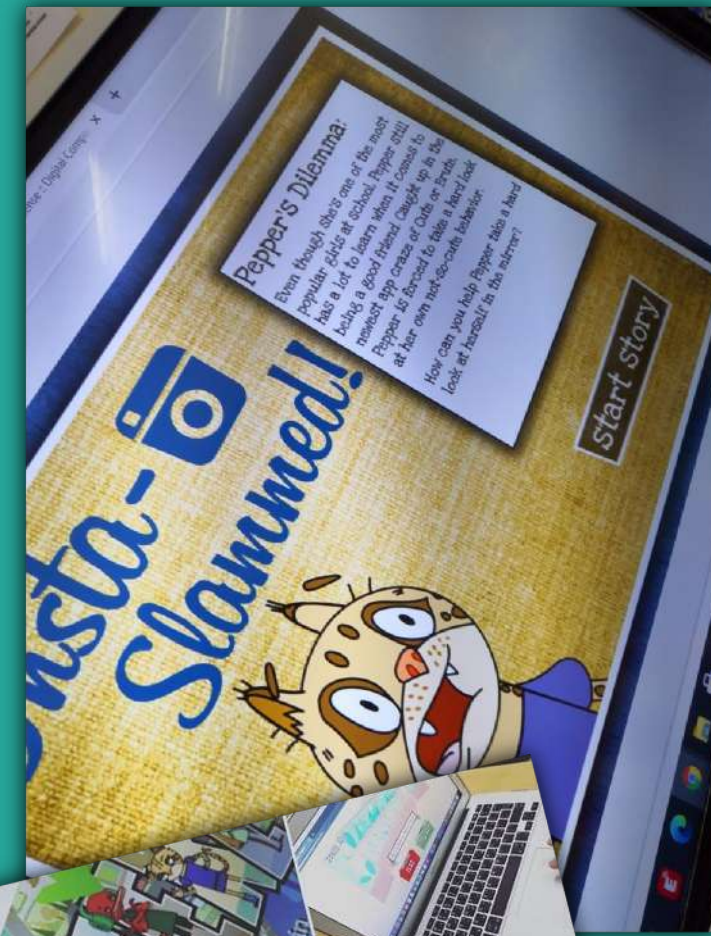
How old is
your kid?

— 8 +

Get age-based picks
for your family.

Get started

Already have Plus? Sign in



Students in Year 7 have been introduced to Digital Compass™ by Common Sense Education. The award-winning game is an innovative way to give students the freedom to explore how decisions made in their digital lives can affect their relationships and futures.

Through the suite of popular choose-your-own-path games, students play through the perspective of one of eight main characters, each of whom is facing a different digital citizenship dilemma. The varied story paths and multiple decision points encourage students to play repeatedly in order to explore alternative courses of action.



ePlanner and Big Data

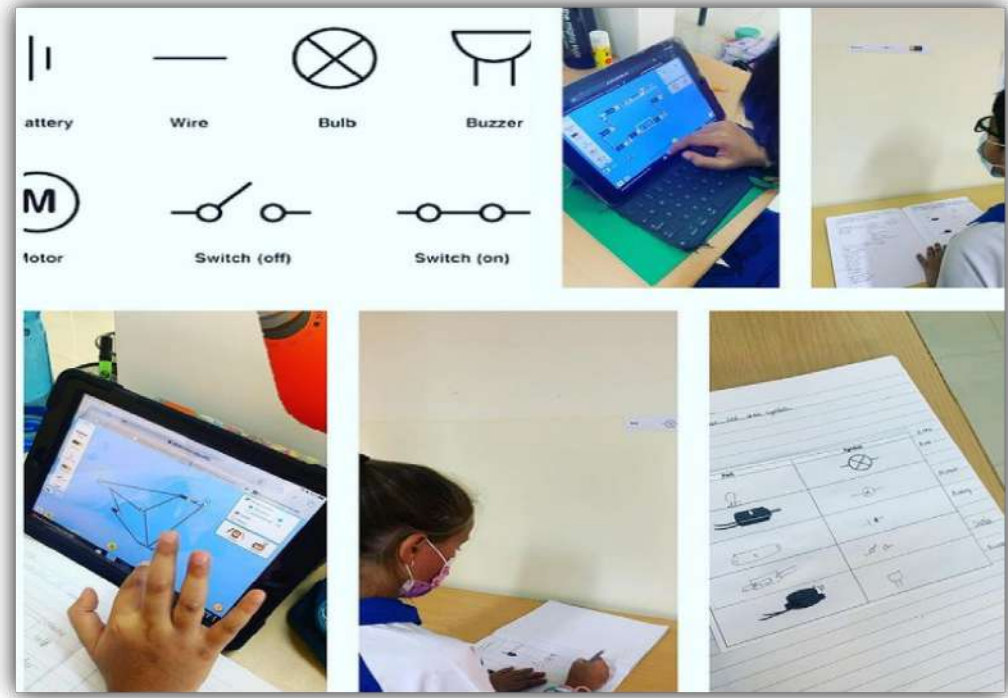
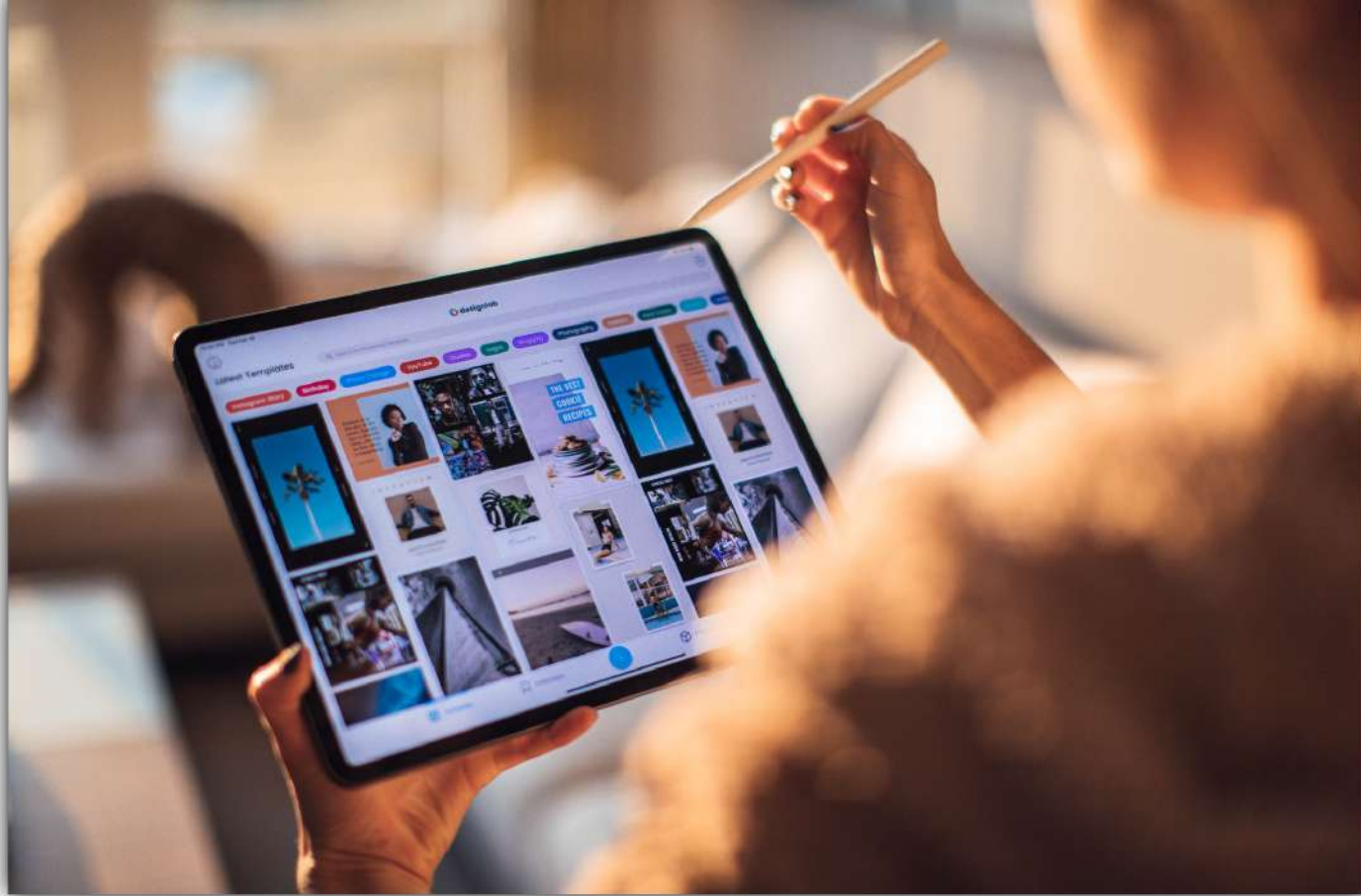
This massive project was put together with a view to allowing everyone to be part of the conversation. Students are now able to utilise their own, individual ePlanners to take ownership and responsibility of tasks within their subjects, but also any individual tasks they would like to set themselves, along with having our latest introduction of Big Data and student centric data analysis, using Microsoft Power BI.

Further to this, students can also see their own data visuals to see how they are doing not just academically, but pastorally too. Where are they performing well and receiving the most house points and where can they improve, introducing that healthy competition between peers and houses within the school too.

This is just the beginning!



Primary Computing



"We used the 'grid' feature on our iPad cameras to capture the perfect images around HIS!"

Ms. Gage
Year 3 Progress Leader



"Today we learnt about circuits in Science. We went on a corridor hunt to identify the symbols used within a circuit."



Mask. Rotate. Remix. Repeat.
#LetMeTakeASelfie
During Computing, children used Keynote to remix their own pictures. Challenge: Can they remix a picture of a family member. Watch out!



"iPad Top Tip: Make Times Tables Fun We've been using Garage Band to practice our counting skills. Simply record yourself skip counting and then have fun with the sound effects The robot voice is our favourite - try it out!"



 Apple Teacher



Community Service



My name is Hoda ElSanhoury and I am in Year 11. Last Friday I performed a dance at the opening ceremony of Expo 2020. I was chosen to dance following a difficult and taxing audition process. This was an amazing experience for me because it is a once in a lifetime opportunity to take part in a huge worldwide event. I felt proud and happy to dance at such an amazing occasion. I will be performing again during the Expo and can't wait to experience more! #everyonesucceeds #Expo2020 #HIS #dancing



Our very own Ahmed Seoudy in Year 11 completing his community service to pass on knowledge of 3D printed technology to help KS3 students progress in their Design Thinking projects. #businessdept #everyonecontributes

Hello, I am Khadizhat Garunova and I am in Year 11 at Horizon International School. As part of my Community Service, I have volunteered to help in the school reception with Ms Hala and Ms Hagan. My responsibilities include calling parents, sending messages to staff, delivering package around school and helping with printing and laminating. I am enjoying this experience because I believe it will help me in my future career and I really like being sociable and working with new people. #everyonecontributes #responsibility #communityservice





Dubai Fitness Challenge returns!



Watch later



Share



Watch on  YouTube

Dubai 30x30 is back!

**Get ready to take on the Challenge from the
29th October – 27th November 2021.**

**#EveryoneCounts #EveryoneContributes
#EveryoneSucceeds**

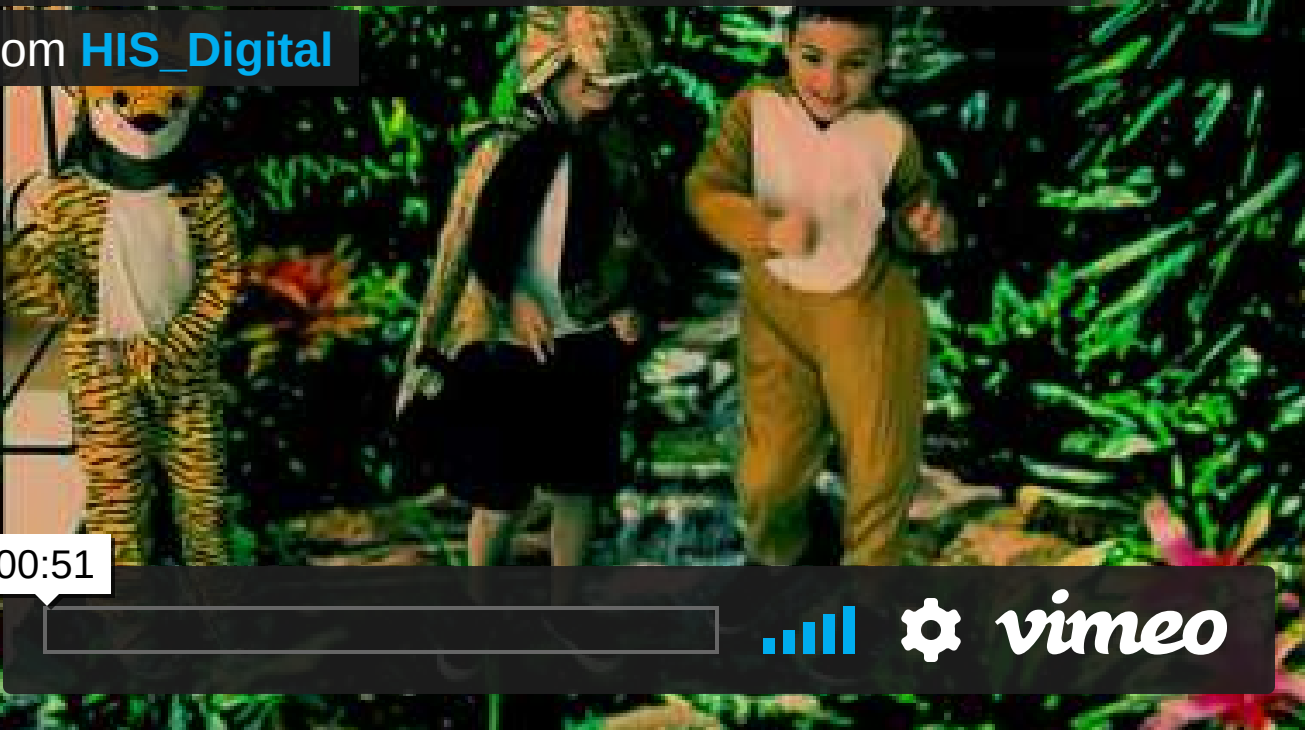
Immersive Experiences



Green Screen Year One Video

Dolby Vision

from HIS_Digital



"Year One had a 'ROARING' great time creating images and videos with a green screen for our Awesome Animal WOW day! We love incorporating technology and innovation into everything we do!"

Ms. Barry
Year 1 Progress Leader

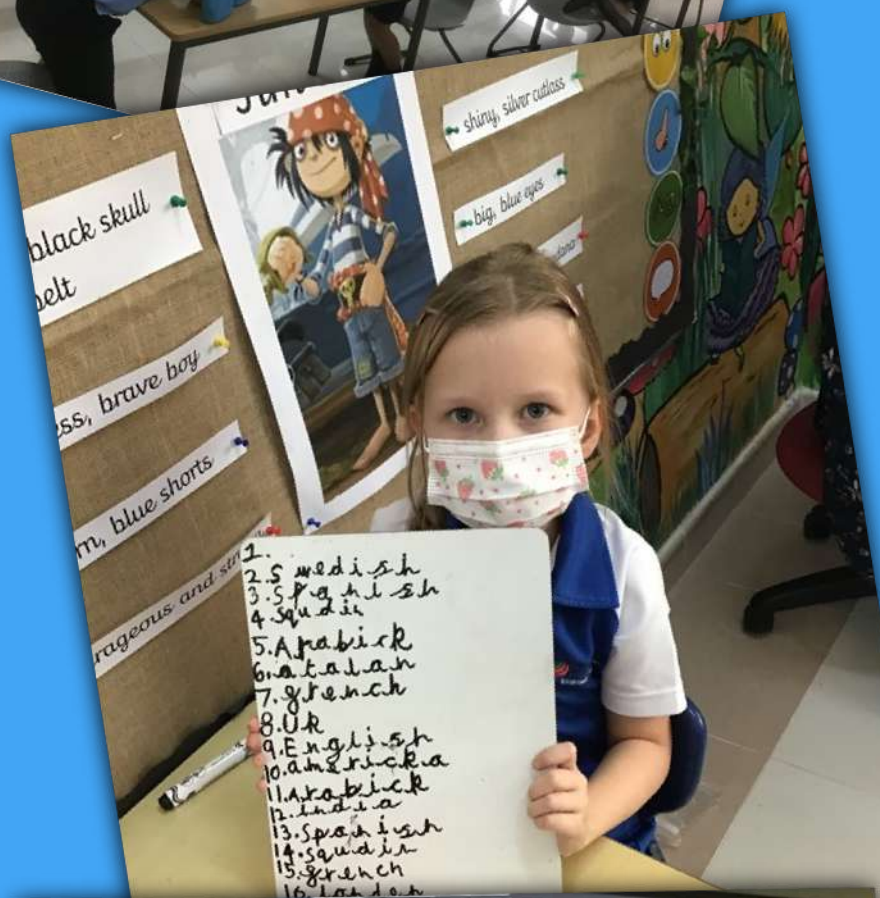
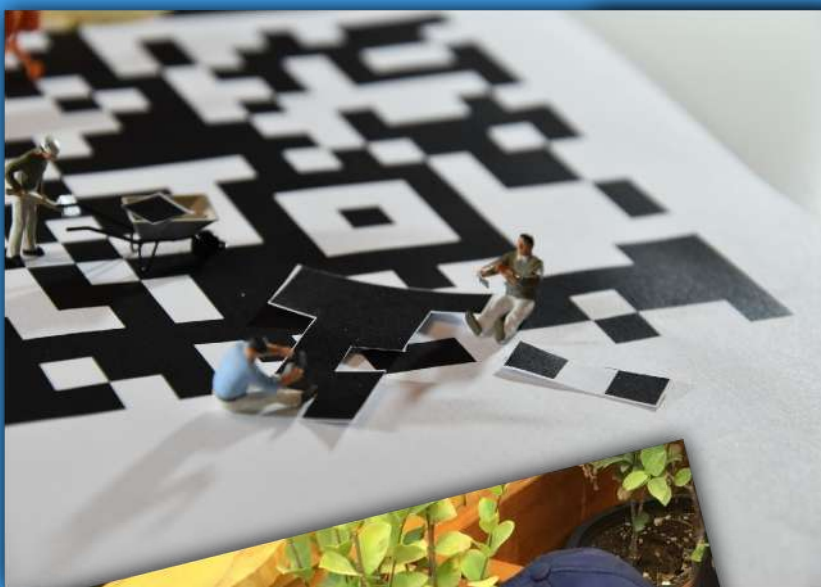
"In Year 2, we used the green screen to build the children's excitement for their Pirates Day. They were able to act out the actions of pirates and watch this back, overlayed on a pirate ship background.

Students have also been learning about everyday materials in Science. They have been investigating the properties of materials and how we can change their shape. Using plasticine, the children created three shapes they wanted to test out. Would they float? Which shape would be a good shape for a pirate ship and why?"

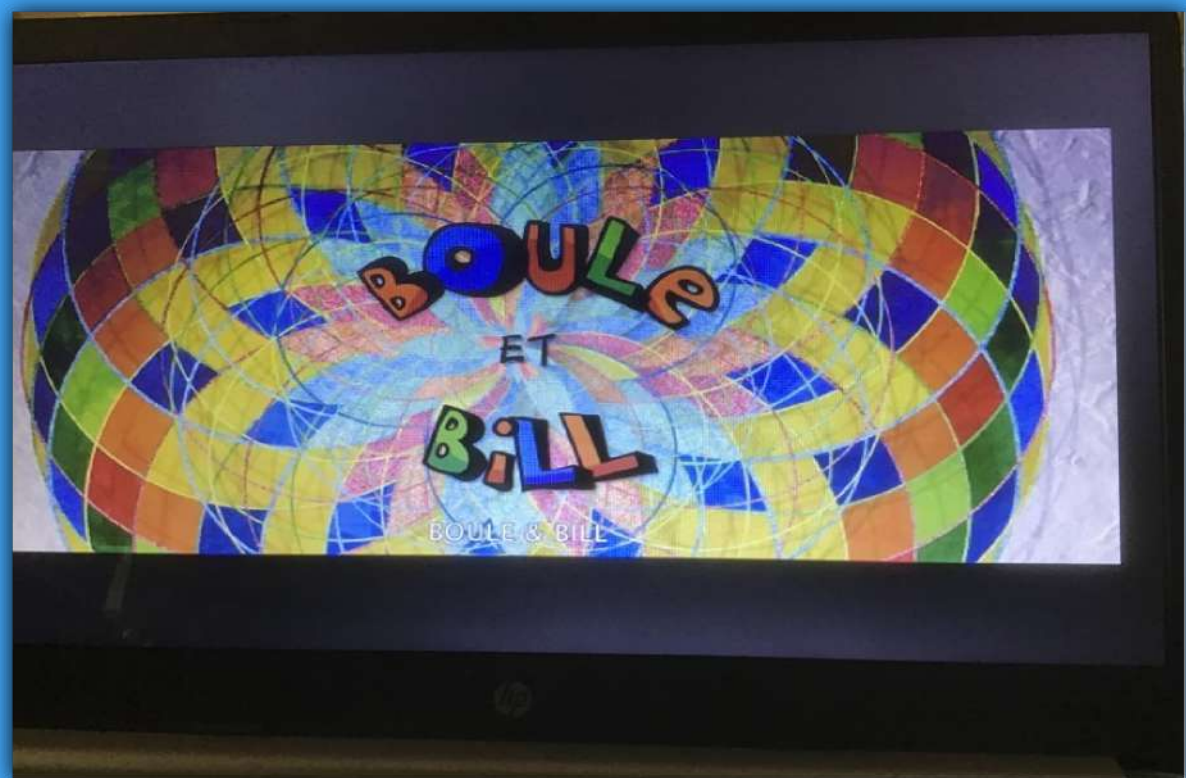
Ms. Flitter
Year 2



Children in FS2
learning to scan
QR codes and
learn animal facts



The MFL department had an amazing European Day of Languages, with both Primary and Secondary taking part in a range of exciting activities including listening to Disney songs sung in other languages, cultural quizzes, a whole school competition and some even delved into the world of European cinema!



50 Days to 50

October 13th marks 50 days until our nation celebrates its 50th National Day! To kickstart our celebrations here at HIS we have launched two exciting House competitions.

#myUAE Photography Competition - Over the half-term we want you to take a photograph of what the UAE means to you. What makes it special? Send your best photograph from anywhere in the UAE to laural@horizonintlschool.com (FS and Primary) or samw@horizonintlschool.com (Secondary) to be in with a chance of winning house points for your team.

7 Emirates in 7 Weeks Fitness Competition- This competition will launch 7 weeks prior to UAE National Day (October 14th). Students from FS through to Secondary will be encouraged to walk, run or cycle as far as they can (or the distance between different emirates) each week. They do not have to cover the exact distance but the further the better. Every small contribution adds towards their 'House' total.

Families are encouraged to get involved and send photographs and the distanced covered to class teachers. It will be collated each week by House Captains. The House with the furthest distance covered at the end of the 7 weeks will win.

Week 1 : Dubai to Sharjah (28km)

Week 2: Sharjah to Ajman (14km)

Week 3: Ajman to Umm al Quwain (22km)

Week 4: Umm al Quwain to Ras al Khaimah (74 km)

Week 5: Ras al Khaimah to Fujairah (111 km)

Week 6: Fujairah to Abu Dhabi (255 km)

Week 7: Abu Dhabi to Dubai (139km)



'7 Emirates in 7 Weeks' House Competition.

for all the students from FS-Primary-Secondary
House points to be won!



Week 1: Dubai to Sharjah (28km)
Week 2: Sharjah to Ajman (14km)
Week 3: Ajman to Umm al Quwain (22km)
Week 4: Umm al Quwain to Ras al Khaimah (74 km)
Week 5: Ras al Khaimah to Fujairah (111 km)
Week 6: Fujairah to Abu Dhabi (255 km)
Week 7: Abu Dhabi to Dubai (139km)

FROM OCTOBER 14TH



UAE's 50th National Day



#myUAE Photography Competition

for all the students from FS-Primary-Secondary
House points to be won!



What does the **UAE** mean to **YOU**!?

Send your entries to

FS/Primary:

laural@horizonintlschool.com

Secondary:

samw@horizonintlschool.com

DEADLINE: SUNDAY 5TH DECEMBER

FROM OCTOBER 13TH TO DECEMBER 5TH

Design Thinking

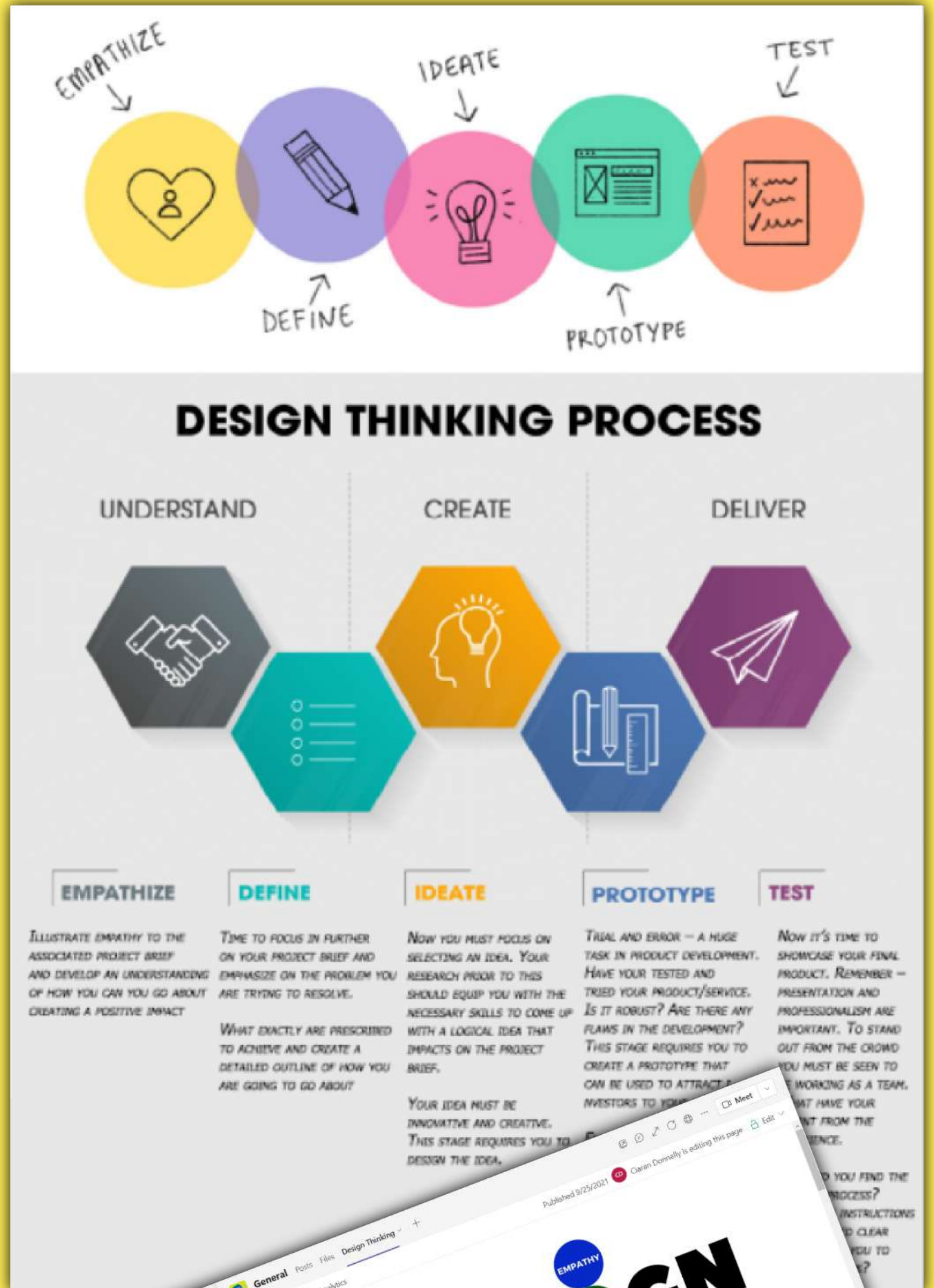
Design Thinking is an iterative process in which we seek to understand the user, challenge assumptions, and redefine problems in an attempt to identify alternative strategies and solutions that might not be instantly apparent with our initial level of understanding. At the same time, Design Thinking provides a solution-based approach to solving problems. It is a way of thinking and working as well as a collection of hands-on methods.

Students in KS3 are participating in Design Thinking as part of their weekly curriculum. Through the different stages of Design Thinking (Empathy, Define, Ideate, Prototype/Test, Reflect), students are competing against each other to achieve their objective and create an innovative product aligned with their mission.

They will then showcase this in a grand event to peers, community and judges, where the finalists then present to VIP judges to be crowned the Design Thinking champions!

Each phase of Design Thinking is released to students over the weeks through their Design Thinking Teams platform and the ideas that are coming to light are unbelievable!

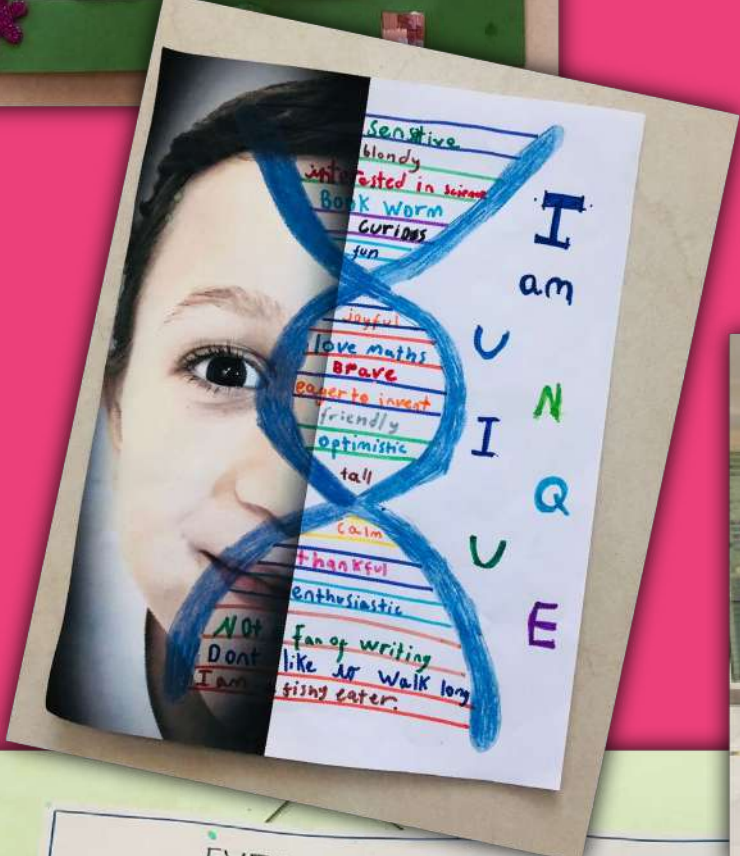
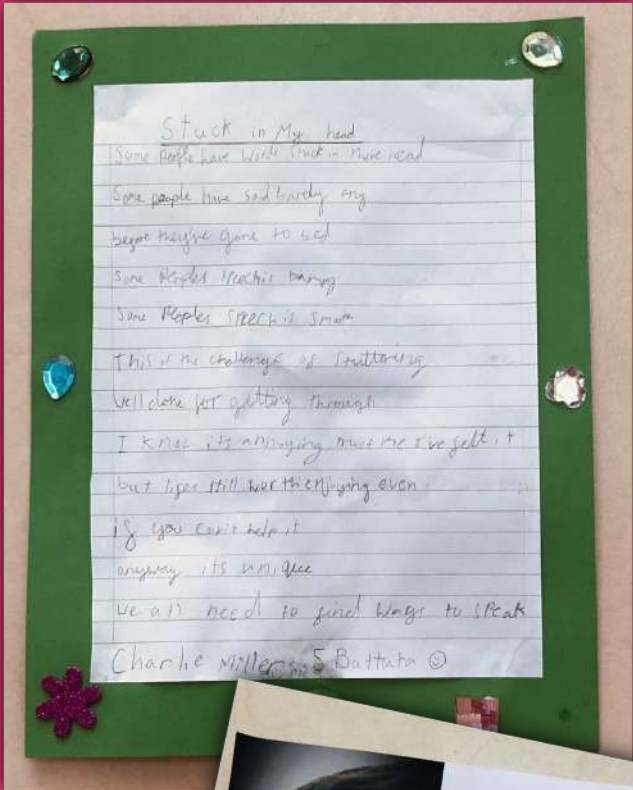
We cannot wait for the grand showcase event and look forward to congratulating all students on their achievements.



HIS Uniqueness Week! The Inclusion (ACe) team host a number of awareness/acceptance days throughout the academic year but we choose Uniqueness Week as our first event as it sets the tone of what we want inclusion at HIS to be- for everyone.

Inclusion

We want to foster a culture of students feeling confident in themselves and accepting their own differences and the differences of others. The week was a huge success and we were overwhelmed with all of the creative projects we received!






Sign of the Week


Hello, how are you?

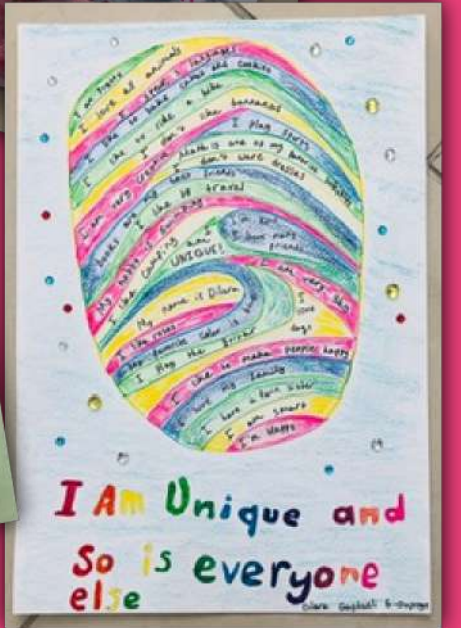
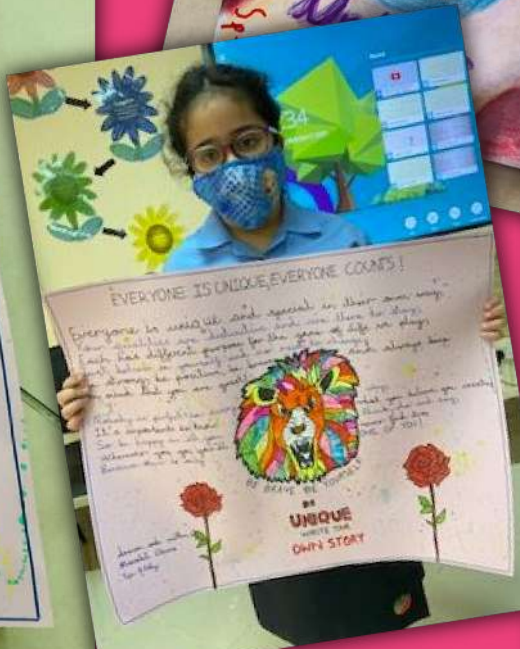
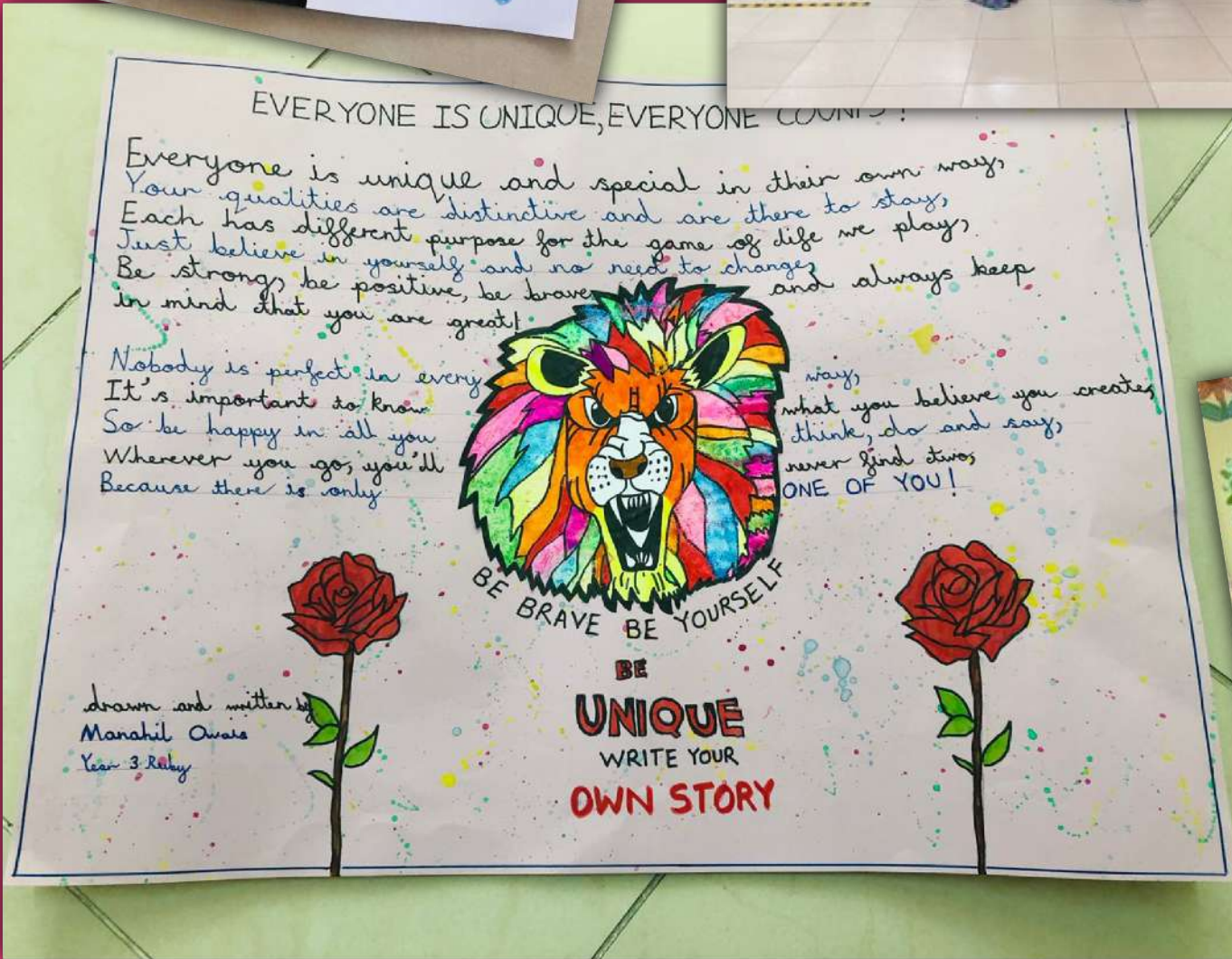
Make sign at shoulder height

Make sign at shoulder height

How are you?









Video unavailable

[Watch on YouTube](#)



JUST
#4
WORDS

What
are
you
Reading?



JavaScript

Students in KS3 learning Java through Sphero and text based programming.

With this, students then throw the Sphero and upon detecting motion, the SetMainLed is programmed and play.sound.animal script is performed!

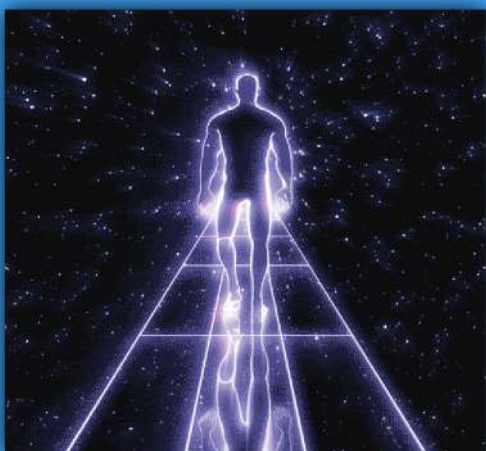
Students also are able to delve further into cross curricular links to English and "Personification" by retelling or creating a new story and programming the Sphero to perform the expressions, emotions and movements of characters over a narrative!



Student Digital Leaders

Having a Student Digital Leader Team here at Horizon International School offers the opportunity for students to elevate their expertise and passion to peers and staff around them. The leadership team have now been in post for 6 months, meeting every fortnight to discuss technology related that students are facing in school and how they can further support them not just in the classroom, but also out of it too.

Setting up a SharePoint shared site was integral for the team to offer their expertise outside of a classroom environment and they are now looking to introduce digital drop ins and more in the coming academic year.



How to Set up PARENTAL CONTROLS to limit age-inappropriate CONTENT Android Phone

NOS National Online Safety
www.nationalonlinesafety.com

The settings on an Android device allow you to prescribe certain rules for when your child is using it. For example, you can block specific types of content to reduce the risk of your child being exposed to age-inappropriate material (music with explicit lyrics, for instance, and games, TV shows or movies that are unsuitable for young people). There are two ways to access parental controls on an Android phone: through Google Play or via the Google Family Link app. You can also lock your changes behind a PIN, so your child (or anyone else) can't change them back.

Set up parental controls with Google Family Link

- On your phone, install Google Family Link for Parents
- Tap Open and review the information
- Tap Get Started
- Tap Next to set up your child's device
- On your child's phone, download Google Family Link for Children & Teens and enter the Family Link setup code provided
- On your phone, open the Family Link app
- Tap your child's name
- Tap Manage Settings
- Tap Controls on Google Play
- Tap the content you would like to restrict
- Choose how to filter or restrict access

Set up parental controls with Google Play

- Open the Play Store app
- Tap Menu (represented by three horizontal lines)
- Tap Settings
- Tap Parental Controls
- Enable Parental Controls
- Create Pin
- Tap the content you would like to restrict
- Choose how to filter or restrict access

How to Set up PARENTAL CONTROLS to limit age-inappropriate CONTENT iPhone

NOS National Online Safety
www.nationalonlinesafety.com

The parental controls on iPhones allow you to block or restrict certain apps, features, content, downloads, or purchases. Setting limitations on content ratings, Siri and web searches enables you to filter out age-inappropriate content and vastly reduce the likelihood of your children being exposed to unsuitable material and information.

Set up content rating restrictions

- Open Settings
- Tap Screen Time
- Enable Content & Privacy Restrictions
- Tap Content Restrictions
- Choose the Settings for each feature you wish to restrict

Set up web restrictions

- Open Settings
- Tap Screen Time
- Tap Content & Privacy Restrictions
- Tap Content Restrictions
- Tap Web Content
- Choose between Unrestricted Access, Limit Adult Websites and Allowed Websites Only
- Choose which websites you wish to allow/block

Set up Siri web search restrictions

- Open Settings
- Tap Screen Time
- Tap Content & Privacy Restrictions
- Tap Content Restrictions
- Scroll Down to Siri
- Choose to block either or both Web Search Content and Explicit Language

What Parents and Carers Need to Know about APPLE GUIDED ACCESS

NOS National Online Safety
www.nationalonlinesafety.com

iPhones and iPads don't offer separate user accounts. So when you hand your Apple device to a child to play a game or watch a video, you're also handing them access to your email, the web, messaging and numerous other apps through which they could accidentally do something regrettable.

Apple Guided Access solves this potential problem by letting you restrict the iPhone or iPad to one particular app whenever your child uses the device. If they try and leave that app, they will be asked for a password or Face ID, meaning they can't access anything they shouldn't elsewhere on the device. Here, we show you how to find and set up the Guided Access feature, so you can confidently let your child borrow your iPhone or iPad.

How to set it up...

- Step 1: To switch on Guided Access, open the app your child wishes to use and then press the home/power button or side button on quick device three times in quick succession.
- Step 2: You can now select parts of the screen that you'd like to lock. If your child's reading on your Kindle app, for example, you could disable the icon that takes them to the main Kindle library - so they don't stumble across books written for an adult audience.
- Step 3: The Options menu in the bottom right allows you to set a time limit for the session. Use the scrollable menu to specify the time limit in minutes or hours.
- Step 4: Other options in this menu let you control access to settings such as the volume. So if your child's listening to music, you could lock the volume buttons (once it's set to a suitable level) so they can't damage their hearing by playing it too loud.
- Step 5: When everything is set up how you want it, click Start. Your child will now not be able to leave that app. If they press the home button to exit, as usual, it will do nothing.
- Step 6: The only way to leave Guided Access is to triple-click the home/power or side button (or double-click if you set up the option to exit via Face ID). Without Face ID, you'll need the six-digit passcode to return to your home screen. Obviously, don't forget that code or let your child find out what it is!

How to switch it on...

- Step 1: When you need to start a Guided Access session, open the app your child wishes to use and then press the home/power button or side button on quick device three times in quick succession.
- Step 2: You can now select parts of the screen that you'd like to lock. If your child's reading on your Kindle app, for example, you could disable the icon that takes them to the main Kindle library - so they don't stumble across books written for an adult audience.
- Step 3: The Options menu in the bottom right allows you to set a time limit for the session. Use the scrollable menu to specify the time limit in minutes or hours.
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Meet Our Expert

Barry Collins has been a technology journalist and editor for more than 20 years, working for titles such as the Sunday Times, Which?, PC Pro and Computeractive. He's appeared regularly as a technology pundit on television and radio, including on Newsnight, Radio 5 Live and the ITV News at Ten. He has two children and has written regularly about internet safety issues.

Online Safety Tips FOR CHILDREN WITH NEW DEVICES

NOS National Online Safety
www.nationalonlinesafety.com

The current generation are the first children to grow up in a world where digital devices are the norm. Recent studies have found that 88% of British 12-year-olds have a smartphone. Four out of ten 6-year-olds own a tablet. And almost two-thirds (64%) of children aged 8-11 use a games console. It's now rare to find a child who doesn't regularly use internet-enabled technology. Each new device means exciting new corners of the digital world to explore - and, unfortunately, new risks to be aware of.

We've put together our top tips to help you guide your children in enjoying new digital devices safely and responsibly.

- 1. ALWAYS SET A PASSWORD**
If your child's new device has a password protection feature, use it! It'll help to keep their private information safe and will deny others access to their device without permission. Your children's passwords should be something memorable to them - but something which other people can't guess (it's also a good idea for parents to write it down in case it gets forgotten!).
- 2. SET UP PARENTAL CONTROLS**
This really is an essential when your child gets a new device, so they're protected from the outset. Most phones, tablets and consoles allow you to customise their settings to determine which games your child can play, how they can communicate (and who with), what content they can access and so on. It will give you peace of mind that they can't unintentionally do something they shouldn't.
- 3. PAY ATTENTION TO AGE RATINGS**
One of the first things children want to do with a new device is play games and explore apps. Before they download anything or install a new console game, check its age rating. Many popular games and apps have content that's not suitable for younger ages. The safest long-term solution is to adjust the device's settings so they can only download and use games and apps appropriate for their age.
- 4. KEEP NUMBERS AND DEVICES PRIVATE**
Make sure your child understands that they should never share their phone number with someone they don't know or accept a friend request from them. They should also appreciate that it's a good idea to really keep their device out of sight, never lend it to a stranger, and never put it down somewhere that other people could steal it or take it to use without asking.
- 5. HAVE THE MONEY CONVERSATION**
Before your children start using their new device in earnest, talk to them about in-app purchases and other ways that money might be spent through their device. Once they understand, you might want to agree on a spending limit and reassure them that they can come to you if they're uncertain, or if they have made a purchase by accident.
- 6. DISCOURAGE DEVICE DEPENDENCY**
Of course, children who've just got a new device will naturally want to spend as much time on it as possible. But whether they're zapping bad guys, watching videos or connecting with friends, it's easy for them to get attached very quickly. Gently remind them that having family time, going outdoors and getting some exercise are fun, too. And the device will still be there when they get back.
- 7. EXPLAIN SECURE WIFI NETWORKS**
Your home WiFi is protected by a password that only your family knows, whereas public networks (like those in coffee shops, for example) can be accessed by anyone. It's important that your child grasps this difference because, if they're using a portable device on an unsecured network, then a hacker could access their personal information without them even knowing.
- 8. LIMIT SCREEN TIME**
Using a device for too long, especially just before bed, can interfere with a child's sleep quality and reduce their concentration and overall enthusiasm. It might be helpful to agree on certain times of day when they don't use their device. Most devices' settings let you set a screen-time limit, helping your child to stay fresh and focused so they can perform well at school.
- 9. ONLY PAIR WITH KNOWN BLUETOOTH DEVICES**
Your child may want to connect to another device via Bluetooth, so they can listen to music wirelessly or share pictures and videos with nearby friends. But if they use Bluetooth to link with a device that they don't know, they're at risk of a stranger being able to see their personal information or having someone transmit a virus onto their device.
- 10. TURN LOCATION SETTINGS OFF**
It's safest to disable the device's location services (if it's a portable device) so your child doesn't inadvertently make other people aware of where they are. You can usually do this via the device's privacy control settings. Turning location settings off not only means your child's whereabouts can't be tracked by others, it also significantly extends battery life.
- 11. STAY AWARE OF THE SURROUNDINGS**
It's common to see adults not looking where they're going while engrossed in their phone. Children are even more easily distracted. In some cases, young people have been hit by cars or cyclists because they were staring at their device and lost track of where they were. Remind your child that screens and walking don't mix. If they need to use their device, they should stop in a safe place first.
- 12. BE THERE IF THEY NEED TO TALK**
Even when you've made a device as secure as you can, there's still a possibility of your child seeing something that bothers them, or someone they don't know attempting to contact them. If this happens, listen to their concerns, empathise and reassure them. Once they've explained what happened, you can decide if you should take further action like blocking or reporting another user.



EVOLV3 teamed up with Amanda Jones (Vocal and Performance Coach) and previous cast member of the hit West End Musical Mamma Mia.

Twenty of our most talented CPA students were invited to act, sing and dance to a selection of Mamma Mia classics. They were encouraged to dress up for the occasion and to get into the theme of the workshop.

It was a fun filled morning with lots of energy, laughter and a happy vibes. Everyone appreciated the opportunity and left wanting more.

EVOLV3 would like to thank Amanda for planning such an enjoyable session.

We look forward to more great events like this throughout the year.



Video unavailable

[Watch on YouTube](#)



