Hardwick Primary School

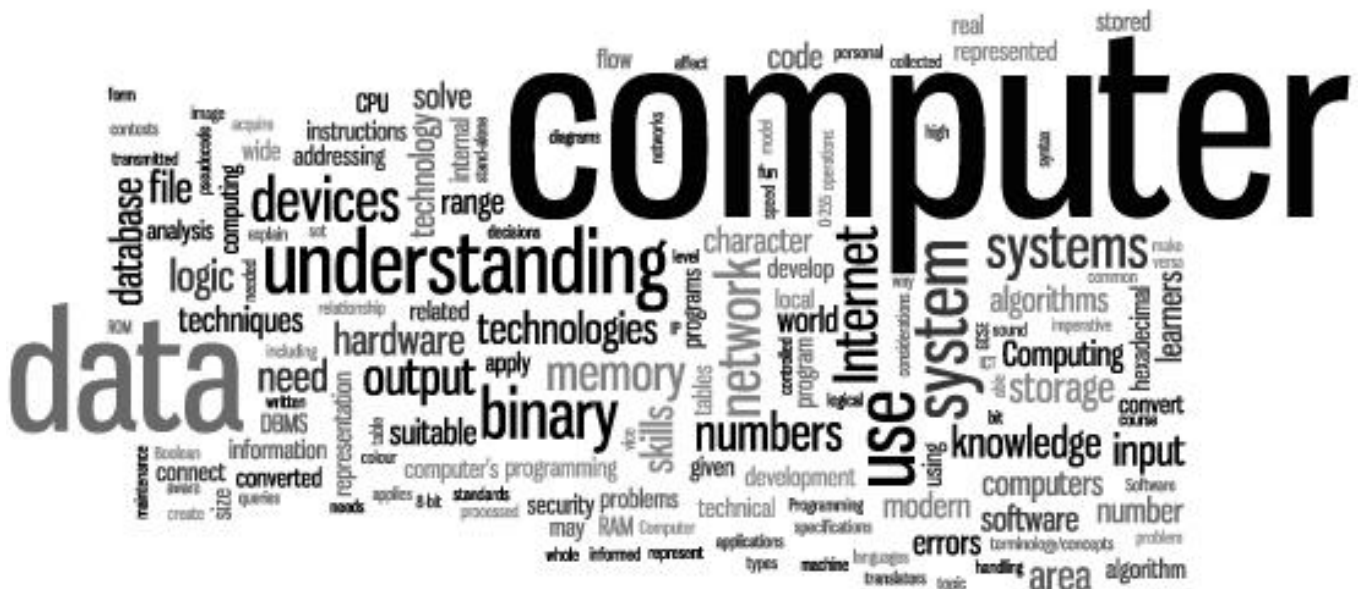# E-Safety curriculum 2017/18

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Digital Citizenship and Technology (eSafety Lesson Plans)

Summary:

It is important that we educate our children to be safe and responsible whilst using the internet and technology. As part of their education, we need to teach them how to remain safe whilst online and how to use technology both appropriately and effectively. This module will concentrate on creating a society that is well informed about how to protect themselves online whilst promoting the use of technology.

Children are learning that appropriate, respectful ways to communicate are important and this should include digital communications, whether online or offline.

Computing POS Reference:

- **DL1** - Recognise common uses of information technology beyond school
- **DL2** - Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies
- **DL3** - Understand the opportunities [networks] offer for communication and collaboration
- **DL4**- Be discerning in evaluating digital content
- **DL5** - Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

What is required:

Reception: Who Do You Trust Lesson:
- Who can you share information with (flashcards) - Ref R1

Digital Citizenship and Technology: Reception

Let's get started

Weeks (1 hour lesson)	Lesson Aim	Lesson Summary	Lesson Outcomes and Assessment Opportunities
Video and Class Discussion	Make Children aware of some of the risks to using the internet Teach the children about personal information and the we must keep it safe	Discuss with the class what they do on the internet. Discuss what some of the dangers are when they are doing these things online – for example who are they talking to when playing online games? Identify what personal information is and relate this discussion to stranger danger. Use the CEOP Thinkuknow resources, based on Hector's World: http://www.thinkuknow.co.uk/5_7/hectorsworld/ Lesson 1 – personal information is special. Discuss this video with the children and include the following questions: • Why did Ranjeet want to share all of his information? • Why did Hector & Tama stop him from sharing all of his information? • What can the children do to protect themselves? Alternative to Hectors World: Professor Garfield: http://www.schooltube.com/video/b8eece2262604671b347/	Understand what personal information is. To be able to understand the importance of asking for help from an adult when on the internet What do we mean by personal information? Why is personal information special? Who is a trusted adult? Who would you speak to if you needed help on the computer?

Digital Citizenship and Technology: Year 1

Weeks (1 hour lesson)	Lesson Aim	Lesson Summary	Lesson Outcomes and Assessment Opportunities
Video & Class Discussion	Make children aware of some of the risks to using the internet Teach children about personal information and why they must keep it safe	Discuss with the class what they do on the internet. Discuss what some of the dangers are when they are doing these things online – for example who are they talking to when playing online games? Identify what personal information is and relate this discussion to stranger danger. Use the CEOP Thinkuknow resources, based on Hector's World: http://www.thinkuknow.co.uk/5_7/hectorsworld/ Lesson 1 – personal information is special. Discuss this video with the children and include the following questions: • Why did Ranjeet want to share all of his information? • Why did Hector & Tama stop him from sharing all of his information? • What can the children do to protect themselves? Ask the children who they can talk to if they have any concerns when using the internet? Show the following video – Child Focus 'E-Safety': http://www.youtube.com/watch?v=d5kW4pI_VQw Ask the children who can help them to use the internet safely.	To understand what is meant by personal information. To be able to identify what is personal information To know that when they need help online children would speak to a trusted adult. What is personal information? Can you give me an example of some personal information about you?
Who Do You Trust?	Teach children who they can trust to share their personal information with	Recap what is meant by personal information and ask the children to tell you different types of personal information (e.g. name, address, phone number, email Address, clubs they attend). Using flashcards (Ref R1), see if children can identify who it would be safe and unsafe to share their personal information with. For example: Post man, Lollypop man, Doctor, Dentist, Teacher etc.	Children can identify adults they can trust. Who is an adult you trust? Who could you speak to if you need help on the computer?
Sending emails and messages	Children understand what email is and can send a class email	Using the app 'Maily' children can communicate online with each other and the class teacher. Alternative to Maily app - Contribute ideas to a class email and respond to messages together – you could use real life or 'fictitious' characters.	Children are aware that technology can be used for communicating. Who would you send

			emails to?

Digital Citizenship and Technology: Year 2

Weeks (1 hour lesson)	Lesson Aim	Lesson Summary	Lesson Outcomes and Assessment Opportunities
Video and Class Discussion	Make Children aware of some of the risks to using the internet Teach the children about personal information and the we must keep it safe	Discuss with children what they do on the internet, lead the discussion towards social networking and online gaming and then discuss who they are talking to or playing against? Do they know about the privacy settings on their online profiles (private (sometimes called personal) and public). Link into stranger danger. Show the following 5 CEOP videos, which focus on keeping personal information private. At the end of each video, spend five minutes discussing the videos with the children. CEOP Thinkuknow resources, based on Hector's World. http://www.thinkuknow.co.uk/5_7/hectorsworld Lesson 1 – personal information is special lesson 2 – not everyone is trustworthy lesson 3 – assessing trustworthiness lesson 4 – being alert to unsafe situations lesson 5 – check with an adult	Children know what is meant by personal information and develop awareness of why it is special. Children understand the need for keeping personal information private – whether online or offline. Children know what to do when concerned about content or being contacted online. What do we mean by personal information? Why should we keep personal information safe?
Introducing on-line life and what it is?	Make children aware of the functionality of the internet – social networks, online gaming, emails etc	Consider what we use the internet for and ask children to identify what they use it for. Emphasise the positive ways in which children can use the internet, to help the children grow up using the internet appropriately. Task: Children to produce a poster promoting the use of the internet and what they like to do while they are on the web. Discuss with children the fact that when we are online we cannot see if what we are doing or saying is making the other person, happy or sad – be nice to people as you would in the real world.	Children know they can use the Internet to communicate with family and friends. What is a social network? What is an email? What is the difference between private and public for our online profiles?
What is Cyber-bullying?	Make children aware of cyberbullying Teach children what	Introduce the children to online bulling – use the following Garfield video to aid discussion: https://learninglab.org/ Task: Children to produce their own set of rules for how they should behave while they are online (think about 'classroom rules' and links between offline and online behaviour)	Children can understand the importance of communicating safely and respectfully online. What do we mean by cyberbullying?

	cyberbullying is and why it wrong	This is an example Poster for Class Displays/promoting the safe use of the internet: http://www.kidsmart.org.uk/downloads/cn_A2posterPRIMARY.pdf	What would you do if you received a nasty message online?

Digital Citizenship and Technology: Year 3

Weeks (1 hour lesson)	Lesson Aim	Lesson Summary	Lesson Outcomes and Assessment Opportunities
Video and Class Discussion	Teach children about the risks of using the internet	Discuss with children what they do online. Explain some of the risks to using the internet and ask the children who they talk to online and then how do they really know? They will only know if they know them in real life. Use the video below to aid this class discussion: http://www.bbc.co.uk/cbbc/games/beaker-you-choose - select Come alone Carmen	Children develop awareness of online protocols, in order to stay safe on the web. Children learn how to use the internet safely and responsibly
Communicating On-Line, Images and Social Networking	Discuss how children can communicate online. Teach children to communicate appropriately online. Teach children how to protect themselves online.	Discuss with children how the internet can be used to communicate online – both through online games and social networking. Discuss with children the fact that when we are online we cannot see if what we are doing or saying is making the other person, happy or sad so they must be nice to people as you would in the real world. Try to make children aware that there is no difference between the online world and the offline world – there is only one way to behave. Set up your own class blog using Edmodo or WordPress (This links to the Get Blogging Module, Yr3 – Ref 19). Discuss with children 'netiquette' and what are your online rules for your blogging site? Once you have a class blog, talk to the children about their own online profiles and suggest using avatars instead of pictures of themselves. Use the Build your Wild Self website and let children create their own avatar: http://www.buildyourwildself.com/	What is a social network? How old should you be to have a Facebook account? When creating an online profile we choose a setting – the 2P's can you tell me what they are? (Private and Public) Why would you use an avatar rather than an actual picture of yourself? Is there a difference between the online world and the real world?
Cyber Bullying and Report Abuse	To identify cyberbullying and its consequences. Teach children how to report any concerns they have	Talk to children about friendships, introduce bullying and/or cyberbullying to this discussion. In groups or pairs, ask the children to think of 10-15 words they associate with friendship. Ask the groups to feedback and capture that feedback where children can see it. Explain and give examples of online dangers	What is cyberbullying? What would you do if you received a nasty message? Who would you tell if....? How can you protect

		or cyberbullying and the consequences of this, such as:	yourself online?
	To suggest ways young people can behave positively in cyberspace	- depression - anxiety - feelings of sadness and loneliness - changes in sleep and eating patterns - loss of interest in hobbies - health problems - self-harm or suicide in extreme cases (Source NSPCC, for more information click on the following link: NSPCC Cyberbullying) As a class, brainstorm ideas for how children can keep 'cybersafe' and capture their answers. Ask children to discuss who they can talk to if they have any online concerns e.g. a trusted adult or via the 'Report Abuse' CEOP button.	
Gaming and collaboration	Children are able to identify the risks on online gaming and know how to protect themselves.	Class Discussion: Ask the class who plays online games and what games they play. Find out who they are playing against? The answers will fall into one of four categories – the computer, their family, their friends or strangers. Remind the children of Stranger Danger, just because it is on a computer doesn't make any difference. Show them the video in the link below to stimulate class discussion: http://www.youtube.com/watch?v=-nMUbHuffO8 What would the children do if they were sent a nasty message when playing games? Encourage them to report this and not to retaliate – link to cyberbullying session.	Childen are aware of the risks associated with online gaming. Who do you play online games against? Would you share your personal information with the people you play online games with?
Friend or Foe?	Teach children who they can trust and share their personal information with online	Start a discussion by asking questions such as: - Who should we be speaking to online? - Who should we be sharing our personal information with online? It is not about the number of friends but the quality of the friends we have online. What happens to a photograph when we upload it to the internet? – We lose control of it. Emphasise to children that people may not be who they say they are and just because	How do you know if somebody is lying to you online? Who do you speak to online? How do you know whether they are telling you the truth? Who should you trust online? How can you protect yourself when you are

		they tell you something online does not mean it is true.	online?
		Watch the following cartoons: • Captain Kara and Winston's SMART Adventure (KnowITall), chapter 1, http://www.childnet.com/resources/the-adventures-of-kara-winston-and-the-smart-crew • Captain Kara and Winston's SMART Adventure (KnowITall), chapter 2, http://www.childnet.com/resources/the-adventures-of-kara-winston-and-the-smart-crew • Personal information; Inaccurate information online; Captain Kara and Winston's SMART Adventure (KnowITall), chapter 3, http://www.childnet.com/resources/the-adventures-of-kara-winston-and-the-smart-crew/chapter3	

Digital Citizenship and Technology: Year 4

Weeks (1 hour lesson)	Lesson Aim	Lesson Summary	Lesson Outcomes and Assessment Opportunities
Video and Class Discussion	Develop children's understanding of online safety Ensure children are aware of the risks of the online world Ensure children are able to protect themselves online	Discuss with the class what they do online and how they think they can stay safe online. The poster below gives guidance on some of the areas you may want to discuss with the children and also gives them some 'SMART' tips for staying safe online: http://www.childnet.com/ufiles/Young-people-and-social-networking-A.pdf Discuss what information children share on the internet and the importance of protecting our personal information online, use the video below to inform this discussion: http://www.bbc.co.uk/learningzone/clips/keeping-your-personal-information-safe-online/5594.html	Children develop awareness of online protocols in order to stay safe on the web. Children learn how to use the internet safely and responsibly What do you use the internet for? Who do you talk to online? What setting do you have your online profiles set to? (Personal or Private)
Communicating On-Line, Images and Social Networking	To identify cyberbullying and its consequences. Teach children how to report any concerns they have To suggest ways young people can behave positively in cyberspace	Discuss with children how they communicate online, for example: • Do you chat via online games • Do you have your own profile on social networking sites? • Who are you talking to online? Ask them to tell you what they are accessing online so you can stay current and up-to-date with what the children are using. Ask the children to access Safety Land to find out what the children have learnt so far. Once they have completed all of the questions they will receive a certificate: http://www.att.com/Common/images/safety/game.html - Watch this cartoon to raise their awareness of the privacy: http://www.friendlyscreens.com/2011/02/22/do-you-have-a-true-private-life-in-social-networks/	Children develop awareness of online protocols, in order to stay safe on the internet Children begin to use a range of online communication tools, such as forums, email and polls in order to formulate, develop and exchange ideas. What is a social network?

| Cyber Bullying and Report Abuse | Children can identify what cyberbullying is

Children know how to deal with any cyberbullying issues. | Ask the children what they use the internet for? Consider and promote the benefits and advantages of the internet and how we can use it for enjoyment.

During this discussion, focus specifically on social networking, what is the purpose of Social Networks (connecting people)? What other ways can social networks be used – news reporting, by businesses to promote products/ services or schools to keep in touch with parents/ carers.

Now demonstrate how social networks can be misused by watching this 15 min video from Newsround: http://www.bbc.co.uk/newsround/26136189

Ask children to discuss who they can talk to if they have any online concerns i.e. a trusted adult or via the 'Report Abuse' CEOP button | Children are able to demonstrates they are able to report unacceptable content and contact when online

What is cyberbullying?

Why is it wrong?

What would you do if you received a nasty message? |
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| Copy Right, what is it? | Introduce children to copyright and explain what it is and why we have it

Teach children how to search for copyright free materials | Discuss and explain copyright and plagiarism. Discuss the importance of understanding online research rather than just copying it.

Ask children to imagine how they would feel if they put their work online and someone came along, stole all their ideas and claimed that they had made it. Explain that this is particularly important for images/photos and that if they publish their own websites/blogs/use images on social networking sites that are owned by someone else they are breaking the law and could be charged for it.

Show children websites where they can get copyright photos, such as: www.compfight.com http://www.morguefile.com/archive

Also, consider from their own perspective how many sites, such as Facebook, can use any of the photos they post for their own marketing and advertising purposes. | Children understand that good online research involves processing the information (rather than copying) and interpreting it for others.

Children recognise issues of copyright and the importance of acknowledging sources

What do we mean by copyright?

How can you search for something that is copyright free? |
| Passwords & Security | Children are able to explain the importance of passwords. | Why do we have passwords? Why do we need to keep our information safe? Who should we tell our passwords to? | As lesson Summary |

Digital Citizenship and Technology: Year 5

Weeks (1 hour lesson)	Lesson Aim	Lesson Summary	Lesson Outcomes and Assessment Opportunities
Video and Class Discussion	Make children aware of some of the risks to using the internet. Children are able to reduce the risks of their online behaviour	Discuss with the class what they do online and how they think they can stay safe online. Discuss what information children share on the internet and the importance of protecting our personal information online, use the video below to inform this discussion: http://www.youtube.com/watch?v=_o8auwnJtqE What mistakes does Becky make in this video? Write down each of the childrens answers and then work through each of the answers and ask them what could she have done differently. To finish the session ask the children what they can do to protect themselves.	Children are able to discuss the risks of using the internet and identify ways of protecting themselves. What is meant by a private profile? Who do you speak to line? How do you protect yourself online? What do you do online, which sites do you use?
Communicating On-Line, Images and Social Networking	Children are aware of social networking sites and are able to protect themselves if they choose to use them.	Show the children the video below to act as a catalyst for discussing social networks online: http://www.youtube.com/watch?v=ecr6OJmT3Mg Ask the children to come up with their top tips for staying safe for when they setup online profiles and when they are using social networking sites.	What is a social network? Do you use a social networking site? Who do you speak to? How would you protect yourself when using social networking sites?
Cyber Bullying and Report Abuse	Make the children aware of cyberbullying. Make sure the children are aware who they speak to if they are the victims of	Discuss with children what they understand cyberbullying to be and if they are familiar with the term? Do they know who they can talk to if they are victims of cyberbullying? Are they aware that most online games have a report feature for foul and abusive language? Next show the following video (approx 8mins long). This video highlights the potential impact on a child's life that cyberbullying can have: http://www.digizen.org/resources/cyberbullyin	Children understand what cyberbullying is. Children know how to report any concerns they may have. What is cyberbullying?

	cyberbullying	g/films/uk/lfit-film.aspx - Let's Fight it Together Video Now ask the children for their thoughts on the video. Split the children into groups and ask them to draw up their own 'code of conduct' for using the internet and respecting others online.	What effect on a child's life can cyberbullying have?
Friend or Foe?	Children are able to identify who they should talk to online	**Class discussion:** Ask the children who they speak to online – whether it's through a social networking site, online gaming site or another site. Do they know everyone they are speaking to, for example when playing online games it's very easy to end up playing against a stranger. If you don't know them how do you know whether they are telling the truth or not? Ask the children to play the game 'Pic your Friends' from the link below: http://www.cybersmart.gov.au/Kids/Have%20Fun/cybersmartaccess.aspx	Who do you speak to online? If you don't know them in real life how do you know they are telling the truth? How can you protect yourself online?
Copy Right, what is it?	Children learn what copyright is and what is meant by plagiarism Children learn that not everything on the internet is true and that they should check several sources to verify information.	Discuss issues of copyright and downloading materials e.g. mp3, images, videos etc and how they should always reference sources when using other peoples work in their own work. Understand the uses of copyright and how they apply to their own work. Split the children into 4 groups and give each group a different hoax website. Some examples are: • GBall www.google.com.au/intl/en/gball • Dog island www.thedogisland.com • Stop alien abductions http://stopabductions.com • Save the mountain walrus http://mountainwalrus.webs.com Add in a true news story but one that is hard to believe, one such as the story below about zig zag traffic lines: http://www.bbc.co.uk/news/blogs-news-from-elsewhere-27036953 If you don't want to use this story there are	Children can explain what is meant by copyright What do we mean by copyright? Why do we have copyright? Do you believe everything you read online? How do you know if someone is telling the truth online?

		normally some hard to believe stories available at BBC Also in the News: http://www.bbc.co.uk/news/also_in_the_news Ask the children to read the information and record anything that surprises them about what they read. Feedback to the class what they have found out. Reveal to the class that only one of these sites was genuine, this demonstrates to them that people can put anything they like on the internet so although copying from one of these sites may not infringe copyright the information may actually be inaccurate – emphasise the importance of cross referencing what they read online and putting it into their own words.	
Gaming and Collaboration	Children can recognise risks to playing online games and are able to protect themselves.	**Class Discussion:** Who plays online games? Ask the children what games they are playing and on what consoles, this normally encourages them to open up about this topic as they enjoy talking about this topic. Ask them who they play against – their answers will fall into one of four categories – the computer, their family, their friends or strangers. Remind the children of Stranger Danger, just because it is on a computer doesn't make any difference. **Class Teacher:** It may help to read the advice given in the link below to inform this discussion: http://www.microsoft.com/en-gb/security/family-safety/gaming-about.aspx	Who do you play online games against? How can you protect yourself when you are playing online games?

Digital Citizenship and Technology: Year 6

Weeks (1 hour lesson)	Lesson Aim	Lesson Summary	Lesson Outcomes and Assessment Opportunities
Video and Class Discussion	Make children aware of the risks of using the internet.	Show the 'Caught in a Web' video (produced by the BBC): http://www.bbc.co.uk/newsround/1390882 8 or http://www.youtube.com/watch?v=kgCNGv L0g1g The video is about 15 minutes long and goes through several different themes including: • Bullying • Games addiction • Under 13's pretending to be older • Over 16's pretending to be younger (grooming) Once the children have watched the video, ask them questions such as: • Have you ever heard of this sort of thing happening? To your friends? Younger brothers/sisters? • What do your parents tell you about being safe? Is it sensible or old-fashioned? • Do they understand the technologies they use? Examples? • If you could re-write the advice so that it made sense for your friends what would you say?	Children recognise what is acceptable and unacceptable behaviour when using technologies and online services What did you learn from the video? Which setting should you have your online profiles set to? (Private not Public) Who do you play online games against? What would you do if you received a nasty message? How can you protect yourself online?
Communicating online, Social Networking, Sexting, Images & Grooming	Teach children about social networking sites and appropriate use of such sites. Introduce children to terminology such as 'sexting' and 'grooming'	Discuss with the children what social networks are used within school and what are they used for e.g. communicating with children and parents and for disseminating information. Watch the video short video below which asks do you act correctly when using social networks and will give the children valuable safety tips: http://www.dailymotion.com/video/x11drd h_dos-and-don-ts-when-using-social-networks_tech -	Children understand what is meant by a 'Digital Footprint' Evaluate their use of technology including the use of email, social networking, online gaming and mobile phones and consider how they present themselves online
Cyber Bullying	Teach	Cyberbullying effects all of us including	Children can demonstrate

and Report Abuse	children what cyberbullying is	adults, the video below is an interview with musician Cher Lloyd who talks about the effect cyberbullying had on her – 1 minute long http://www.bbc.co.uk/learningzone/clips/singer-cher-lloyd-talks-about-cyberbullying/14129.html Discuss the options for children who are victims of Cyber Bullying who can they talk to? http://www.digizen.org/resources/cyberbullying/films/uk/lfit-film.aspx - Let's Fight it Together Video	responsible use of technologies and online services, and know a range of ways to report concerns Children understand what cyberbullying is. Children know how to report any concerns they may have. What is cyberbullying? What effect on a child's life can cyberbullying have?
Copy Right what is it?		Discuss issues of copyright and downloading materials e.g. mp3, images, videos etc and reference sources used in their work. Understand the uses of copyright and how they apply to their own work Explore - http://www.museumofhoaxes.com/hoax/photo_database/image/tourist_guy/	Children can explain what is meant by copyright What do we mean by copyright? Why do we have copyright? Do you believe everything you read online? How do you know if someone is telling the truth online?
Gaming and Collaboration	Children can identify the risks to playing online games and know how to protect themselves	**Class Discussion:** Who plays online games? Ask the children what games they play and who they play against– their answers will fall into one of four categories – the computer, their family, their friends or strangers. Remind the children of Stranger Danger, just because it is on a computer doesn't make any difference. Activity: share the guidance in the link below with the children and now ask them to produce their 10 top tips for children when playing online gaming http://www.staysafeonline.org/download/document/316/stc_gaming_tips_for_kids.pdf	What advice would you give other children when playing online games? Do you know who you are playing against?

Further challenges and possible home learning activities:
Not applicable

Alternative Apps/Software to those recommended

Not applicable