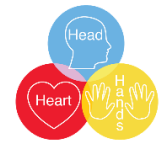




Year Three Four

Autumn

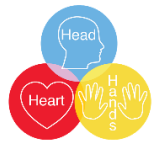
Crucial Knowledge –(Autumn) – E-safety	Expanded Knowledge	Intent/Prove
<p><i>Background CK - E-safety is Electronic Safety and it is the act of staying safe online or on any technological device.</i></p> <ul style="list-style-type: none"> - Cyberbullying is the use of electronic communication to bully a person. - Cyberbullying can be via messaging services using written or verbal communication or over social media. - If you feel unsafe online you can report and block the user or person. - If you feel unsafe, always tell a trusted adult about what has been going on. - Cyberbullying is just as serious as in person physical bullying and the consequences can be just as serious. - Don't talk to strangers online. 	<ul style="list-style-type: none"> - Pressurising someone to do things on the internet they don't want to do is also cyberbullying. 	<ul style="list-style-type: none"> -Pupils will be able to explain what to do when scenarios are put to them. - This will be further demonstrated when they are safely using the internet and understand how to correctly handle situations online.



Crucial Knowledge –(Autumn) – Computing Skills	Expanded Knowledge	Intent/Prove
<p><i>Background CK -Computing is the skills we need to use and programme computers, websites</i></p> <ul style="list-style-type: none"> - Understanding where the on/off button is located on the laptops and computers. - On/off switches are in different places on different models or iPads. - Log ins for the school system need to be remembered or kept safe and kept private. - To click and select items, click the left mouse button. - To open the internet, the google or safari symbol needs to be clicked. - To close the internet, press the red x on a laptop or the grey x on an iPad. 	<ul style="list-style-type: none"> - Pupils will also understand how to save a document that they have worked on. For example if they are researching something they will be showing how to work in the document and then save it successfully into the correct area. -Pupils will understand the uses for the left and right click and where they are located on the laptop mousepad. 	<ul style="list-style-type: none"> - Pupils will be able to explain or demonstrate how to do these skills. - Pupils will demonstrate an understanding and application of these skills through their use of I.T throughout their school career and daily life.

Spring

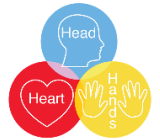
Crucial Knowledge – E-Safety (Spring)	Expanded Knowledge	Intent/Prove
<p><i>Background CK - - E-safety is Electronic Safety and it is the act of staying safe online or on any technological device.</i></p> <p><i>- Key words are the words used to find the information you want on the internet.</i></p>	<ul style="list-style-type: none"> - List some reputable sites they know are safe. 	<ul style="list-style-type: none"> -Pupils will be able to explain what to do when scenarios are put to them. - This will be further demonstrated when they are safely using the internet and understand how to correctly handle situations online.



<ul style="list-style-type: none">- It is important to search safely and using the correct key words when searching so nothing inappropriate comes up.- Green ticks and well known websites are the best websites to click on to get information.- Pop-up boxes can also alert people to when sites are not safe. They can often issue a warning before entering unsafe sites.- It is important to search safely on google images.- If an inappropriate image comes up, report it and tell a trusted adult.- Don't tell log ins and passwords – they are private.- Don't give out personal details – these are private.		
<p>Crucial Knowledge – IT Skills (Spring)</p>	<p>Expanded Knowledge</p>	<p>Intent/Prove</p>
<p><i>Background CK - - Computing is the skills we need to use and programme computers, websites and apps.</i></p> <ul style="list-style-type: none">- A search engine is where we find information on the internet.- You can use a search engine to find an image.- To copy, highlight the text and right click and copy.- To paste, right click and paste.- Press the + sign on a browser to open a tab.	<ul style="list-style-type: none">- On iPads, double click the home and swipe up to quickly get off an app or safari, knowing it will load back up when you come back.- Favourite web pages.	<p>Children can:</p> <ul style="list-style-type: none">- Use search engines to browse.- Use search engines to find an image.- Use a search engine to find information and copy and paste it into a document.- Copy a URL and paste into a search engine.- Open multiple browsers with tabs.- Use links.- Save picture as to save pictures.

Summer

Crucial Knowledge – E-Safety (Summer)	Expanded Knowledge	Intent/Prove
<p><i>Background CK - - E-safety is Electronic Safety and it is the act of staying safe online or on any technological device.</i></p> <ul style="list-style-type: none"> - Reliable means you can trust something. - Fact is a statement that is true. - Opinion is someone's point of view. - Fiction is made up. - The internet contains fact, fiction and opinion. - Information on the internet is not always accurate or reliable. - Know different ways to check the reliability of online information. 	<ul style="list-style-type: none"> - Information on the internet may have bias, which means the facts may be true but presented in a way to give an opinion. 	<ul style="list-style-type: none"> - Pupils will be able to explain what to do when scenarios are put to them. - This will be further demonstrated when they are safely using the internet and understand how to correctly handle situations online.
Crucial Knowledge – Programming (Summer)	Expanded Knowledge	Intent/Prove
<p><i>Background CK - - Computing is the skills we need to use and programme computers, websites and apps.</i></p> <ul style="list-style-type: none"> - An algorithm is a precise set of instructions, which can be turned into a code. - Coding is how we communicate with computers. 	<ul style="list-style-type: none"> - Write a programme or sequence which gives a consequence, e.g. if the light is green, the alarm goes off, if the light is not green, the alarm stays quiet. 	<p>Children can:</p> <ul style="list-style-type: none"> - experiment with variables to control models - use 90 degree and 45 degree turns - give an on-screen robot directional instructions - draw a square, rectangle and other regular shapes on screen, using commands - write more complex programs



<ul style="list-style-type: none">- Codes tell a computer what action it should take.- A sequence is steps carried out in order by the computer.- A command is a specific instruction given to the computer to ensure it performs a specific task/function.- A bug is a mistake in the code.- Debugging is checking the code for a bug and removing the bug if there is one.- Programming is writing code.		<ul style="list-style-type: none">- use repeat instructions to draw regular shapes on screen, using commands- experiment with variables to control modes- make turns specifying degrees- give an on-screen robot specific directional instructions that takes them from x to y- make accurate predictions about the outcome of a program I have written
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