

Computing Overview 2021-22

	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
Whole School	Digital literacy: E-safety Safer Internet Day IWB in all classes Purple Mash link on website and all chn have their own password All children have a password for Bug Club KS1 - have passwords for Spelling Shed, Maths Shed					
EYFS	Continuous provision - Computers available, Ipads, ICT equipment in role play areas					
Nursery	<ul style="list-style-type: none"> Use computers to play educational games and with support of an adult research ideas/topic Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	<ul style="list-style-type: none"> Use computers to play educational games and with support of an adult research ideas/topic Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	<ul style="list-style-type: none"> Use computers to play educational games and with support of an adult research ideas/topic Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	<ul style="list-style-type: none"> Use computers to play educational games and with support of an adult research ideas/topic Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	Digital literacy: E-safety - Jessie and friends - Episode 1 Watching videos <ul style="list-style-type: none"> Use computers to play educational games and with support of an adult research ideas/topic Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	Digital literacy: E-safety - Jessie and friends - Episode 2 - Sharing Pictures <ul style="list-style-type: none"> Use computers to play educational games and with support of an adult research ideas/topic Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones
Reception	Digital literacy: E-safety - Jessie and friends - Episode 1 Watching videos <ul style="list-style-type: none"> Use computers to play educational games and with support of an adult research 	Digital literacy: E-safety - Hector's World: Episode 1 Watching videos <ul style="list-style-type: none"> Use computers to play educational games and with support of an adult research 	Digital literacy: E-safety - Jessie and friends - Episode 2 - Sharing Pictures <ul style="list-style-type: none"> Safer Internet Day Use computers to play educational games and with support of an adult 	Digital literacy: E-safety - Hectors World -Episode 2 - protect yourselves and personal information <ul style="list-style-type: none"> Use computers to play educational games and with support of an 	Digital Literacy: E-safety - Jessie and friends - Episode 3 Watching videos <ul style="list-style-type: none"> Use computers to play educational games and with support of an adult 	Digital Literacy: Hectors World - Episode 3 - Playing Games <ul style="list-style-type: none"> Use computers to play educational games and with support of an adult research

	<p>ideas/topic</p> <ul style="list-style-type: none"> Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	<p>ideas/topic</p> <ul style="list-style-type: none"> Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	<p>research ideas/topic</p> <ul style="list-style-type: none"> Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	<p>adult research ideas/topic</p> <ul style="list-style-type: none"> Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	<p>research ideas/topic</p> <ul style="list-style-type: none"> Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones 	<p>ideas/topic</p> <ul style="list-style-type: none"> Explore using ICT - interactive whiteboards, Ipads, telephones, torches, cameras, phones
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KS1	Computing/ICT homework opportunities - Purple Mash, Bug Club, Spelling Shed, Maths Shed
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Year 1	<p>Digital literacy: E-safety - Jessie and friends - Episode 1 - Watching videos</p> <ul style="list-style-type: none"> Recognise common uses of information technology beyond school Algorithms/Bee bots - Say what an algorithm is, Predict the behaviour of programs, create a simple algorithm and test it Send an email - Purple Mash 	<p>Digital literacy: E-safety - Hector's World Episode 1 - personal information - what is shared and how it is shared</p> <ul style="list-style-type: none"> Use technology safely and respectfully, keeping personal information private; Recognise common uses of information technology beyond school Online research and exploration - access the internet Algorithms - use of beebots in provision and create algorithms using programs on Purplemash 	<p>Digital literacy: E-safety Jessie and Friends episode 2 - Sharing pictures</p> <ul style="list-style-type: none"> Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies Safer internet Day - E-safety assembly for parents Computers in class Age appropriate games, online viewings, websites Algorithms - use of beebots in provision 	<p>Digital literacy: E-safety - Hector's World Episode 2. - protect yourselves and personal information</p> <ul style="list-style-type: none"> Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies Computers in class Age appropriate games, online viewings, websites Algorithms - Write simple programs - e.g. Bee-bots, detect and correct simple errors i,e, debugging in programs 	<p>Digital literacy: Jessie and friends - Episode 3 - Playing games</p> <ul style="list-style-type: none"> Computers in class Retrieval practise - Algorithms/Bee bots/ Use simple databases to record information- plants Understand online risks and the age rules for sites 	<p>Digital literacy: E-safety - Hector's World Episode 3 - Signing up for games</p> <ul style="list-style-type: none"> Computers in class Age appropriate games, online viewings, websites Algorithms - Say what an algorithm is. Using BeeBots to predict the behaviour of programmes. Online research Use simple databases to record information- animals
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			and create algorithms using programs on Purplemash	<ul style="list-style-type: none"> • Online research and exploration - access the internet • Google maps 		
Year 2	<p>Digital literacy: E-safety - Jessie and friends - Episode 1 - Watching videos</p> <ul style="list-style-type: none"> • Use technology safely and respectfully, keeping personal information private; • Recognise common uses of information technology beyond school • Send an email - Purple Mash 	<p>Digital literacy: E-safety - Hector's World Episode 4 - Personal information</p> <ul style="list-style-type: none"> • Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies • Age- appropriate games, online viewings, websites • Data handling: Pictogram, Bar charts • Present data in a database- link to maths 	<p>Digital literacy: E-safety - Jessie and friends - Episode 2 - Sharing pictures</p> <ul style="list-style-type: none"> • Safer internet Day - E-safety • Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies • Age- appropriate games, online viewings, websites • Online research on class books - cross curricular • Mashcam photos • Send an email on purple mash 	<p>Digital literacy: E-safety - Hector's World - Episode 5 - Cyberbullying - You're not alone</p> <ul style="list-style-type: none"> • Online research on class books - cross curricular • What is Cyberbullying? • Algorithms - Say what an algorithm is. Write simple programs - e.g. Bee-bots, detect and correct simple errors i,e, debugging in programs 	<p>Digital literacy: E-safety - Jessie and friends - Episode 3 - Playing games</p> <ul style="list-style-type: none"> • Online research on class books - cross curricular • Understand online risks and the age rules for sites • Present data in a database- link to plants 	<p>Digital literacy: E-safety - Hector's World Episode 6 - Computer security - oops</p> <ul style="list-style-type: none"> • Online research on class books - cross curricular • Algorithms - Say what an algorithm is. Using BeeBots to predict the behaviour of programmes.

			<ul style="list-style-type: none">• Present data in a database- link to History			
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