	Dosthill Primary School I am working towards Building Block A1 in Computing	
	Working With Computers	
1	I can logon to the school network	
2	I can work on the network and save in a prepared folder	
3	I can purposefully use suggested digital tools for their work	
4	I can use technology safely and sensibly	
5	talk about how I use technology in and beyond school	
6	know who to talk to if any technology or online system makes them feel worried or uncomfortable	
	Create	
7	I can make choices to produce different outcomes	
8	I can use digital tools to create a picture linked to a curriculum theme (story, poem, rhyme, song explanation etc.) for example in groups a story book	
9	I can use digital tools to create text which communicates meaning, related to their picture	
10	I can create a digital recording related to my picture	
11	I can share my work with others thinking about how they might change or improve it and talking about the tools in the software which they chose to use	
12	I can show awareness that there are rules about taking or using images of other people	
	eWorlds & Digital Communication	
13	I can demonstrate I know that many everyday devices respond to signals and instructions	
14	I understand an algorithm to be a precise set of instructions	
15	I understand that sequence is important in algorithms	
16	I can create and debug simple algorithms for short tasks	
17	I can use an algorithm to create a simple program	
18	I can create simple programs for human robots, onscreen and physical turtles or devices.	
119	I understand the need to be precise and follow the correct sequence when programming	
20	I can use logical reasoning to help them investigate what will happen in simple programs	
21	I can make choices to produce different outcomes	
	Digital Research & Info....Info...	
22	I know that information comes from different sources	
23	I know that I can find information on the World Wide Web	
24	I can explore information from a range of sources	
25	I can use digital tools to create a picture linked to a curriculum theme	

26	I can I can use digital tools to create text which communicates meaning, related to my picture	
27	create a digital recording related to their picture	
28	I am aware that anyone can put information on the internet and that it may not be true	
29	I can use simple software to explore ideas and organise information	

	Dosthill Primary School I am working towards Building Block A2 in Computing	
	Working with computers	
1	I can demonstrate they know that work is stored on the school network;	
2	I can logon to the server; and are of some of the areas on the network	
3	I can save and retrieve work in prepared folders on the network; generally use suitable file names	
4	I can keep personal information safe; do not share online	
5	I can talk about using technology for their work in and beyond school	
6	I can share my work with others; begin to use feedback and self-review to improve their work	
7	I can demonstrate I understand the need to use technology safely and respectfully	
	Create	
8	I can select the appropriate tool from a limited range to create and amend their work	
9	I can create and debug simple algorithms; use to sequence images or create animation	
10	I can create a simple animation selecting their images	
11	I can share my work with others; begin to use feedback and self-review to improve my work	
12	I can demonstrate I understand the need to seek consent before capturing and/or using an image of another person	
13	I can demonstrate I understand the need to use technology safely and respectfully	
14	I can talk about how I use technology for their still image and animation work at home and school	
	eWorlds & Digital Communication	
15	I can use technology, such as email, to send and receive messages	
16	I can discuss how blogs differ from emails	
17	I can suggest content for a comment on a blog	
18	I can investigate patterns and rules in simple simulations	
19	I understand that algorithms could support the programming of simulations and games	
20	I can create, test and debug algorithms related to a game or simulation; consider sequence and simple repetition	
21	I use logical reasoning to predict what will happen in simple simulations	
	Digital Research & Info....Info...	
22	I understand technology can capture environmental data; record data using sensors and/or dataloggers	
23	I can record specific information using cameras and microscopes	

24	I can use pictograms, bar charts and branching databases to organise and classify information for a purpose	
25	I understand that there are different types of questions.	
26	I can use and refine yes/no questions to identify objects	
27	I can keep personal information safe; do not share such details online	
28	I can use tools from a limited range, to organise my information	

	Dosthill Primary School I am working towards Building Block A3 in Computing	
	Working With Computers	
1	I can access the pupil areas on the school network; know that there are many computer networks in the world	
2	I can save and organise their work in folders on the network; use appropriate file names	
3	I can review, check and evaluate my work, modifying it in light of comments from others	
4	I can explain how my choices or decisions help them solve problems in my work	
5	I understand the school's eSafety rules; respect copyright ensuring they do not share personal data online	
6	I can use technology safely and responsibly	
7	I know who to talk to if they have an eSafety problem	
	Create	
8	I can use various digital tools to create and edit images for a purpose	
9	I can use repetition to improve efficiency in correctly-sequenced algorithms and programs	
10	I can design, test and debug algorithms to create animations	
11	I can use algorithms to support the design of programs;	
12	I can explain how my choices or decisions help them solve problems in my work	
13	I use the schools rules for the safe use of images in my work	
14	I can create and adapt digital images in and beyond school;	
15	I am aware of digital image in the wider world	
	eWorlds & Digital Communication	
14	I can use technology for digital communication	
15	I can use email and blogging tools appropriately, including maintaining their own blog and commenting on others' blogs	
16	I can explain differences between email and blogging; begin to compare with other tools	
17	I can capture digital sound and use sound editing tools to produce sound clips for a purpose	
18	I can use a range of approaches to engage the audience	
19	I can demonstrate my understanding of copyright and ownership by appropriate use in my work	
	Digital Research & Info....Info...	
20	I understand the difference between data and information	
21	I can construct questions to answer using a database	
22	I can use various tools within the software to organise and present my information	
23	I can contribute to the design of a class database to answer my questions	
24	I can use a database to store, organise and retrieve data	

25	I can use sort and/or search appropriately to answer simple questions,	
26	I can create appropriate graphs charts	
27	I can check the data for accuracy and understanding	

	Dosthill Primary School I am working towards Building Block A4 in Computing	
	Working with computers	
1	I can apply the school's eSafety rules in their work; respect copyright, credit sources and keep personal data safe	
2	I know the school network connects through the internet to other computer networks;	
3	I know tha internet links global computer networks; relate to the school network	
4	I can save and organise their work using appropriate file names and folder structure	
5	I show growing understanding of how the internet is used in the wider world	
6	I use peer- and self-review to check, evaluate and improve my work	
7	I consistently use technology safely and responsibly and sometimes encourage others to do the same	
8	I can relate the use of technology to produce digital texts in the wider world to their own work in and beyond school	
	Create	
9	I can select and use specific tools within the software to improve design and to aid accuracy and efficiency	
10	I can use a range of approaches in their multimedia texts designed to support specific audiences and purposes	
11	I can review the approaches we use to engage the audience and consider how these could be improved	
12	I can plan their work understanding how this helps to improve it and to solve problems	
13	I recognise unacceptable behaviour and know what to do if they have an eSafety problem	
	eWorlds & Digital Communication	
14	I can analyse simulations beginning to demonstrate understanding of the rules and structures	
15	I can design, test, debug and refine algorithms and programs to solve problems	
16	I can build precision and clarity in algorithms, knowing this supports program design	
17	I check my algorithms and program for precision and unambiguity	
18	I decompose a task before planning an algorithm or program	
19	I include sequence, repetition and selection in my algorithms and programs	
20	I design, test, debug and refine programs to control human robots and onscreen/physical devices	
21	I use logical reasoning to predict outcomes in programs and detect errors	
22	I demonstrate they understand selection in relation to using sensor inputs in an algorithm or program	
23	I can consider how automated systems at home and school; might be programmed	
	Digital Research & Info....Info...	
24	I can explain how selected services on the internet help us communicate and share information	
25	I can describe in simple terms how a search engine finds information from different websites	
26	I can research results may be unreliable and should be checked against different sources	
27	I can turn questions into search criteria; use to find answers	
28	I can create a spreadsheet to collect and analyse findings	
29	I can develop simple formulae using arithmetic operators to carry out calculations for a purpose	

| 30 | I can create different graphs; explore options and formats | |
| 31 | I can check their data for accuracy and reliability | |

Working with computers

1	I understand we can save work in online spaces but that are different from the school network	
2	I save and organise work on and offline appropriately	
3	I can recognise acceptable and unacceptable behaviour on- and off-line	
4	I can identify a range of ways to report concerns about content and contact on the internet	
5	I can critically evaluate my work using peer and self-review to modify and improve it	
6	I can save and organise my work on and offline using appropriate names and structures	
7	I demonstrate clear understanding of the school's eSafety rules including copyright and personal data and data protection; apply these in my work	
8	I can compare their use of technology to work with digital image in and beyond school	

Create

9	I create 3D models using varied techniques to develop detail/texture; review in 3D and adapt	
10	I can highlight features of specific animations and films considering their impact on audiences	
11	I can create a detailed plan for a film and/or animation for specific purposes and audiences	
12	I can create a film/animation from my plan, detailing adaptations	
13	I can justify my choice of tools and techniques used to edit and enhance my work	
14	I can revisit and modify my work in the light of audience reaction	
15	I can keep and review drafts; revisit previous drafts considering effectiveness of my changes	

eWorlds & Digital Communication

15	I can design, debug and refine algorithms to solve problems; review effectiveness	
16	I know well-designed algorithms support improved design and efficiency in programs	
17	I can use decomposition in algorithms and programs, knowing it is key to precise design	
18	I can use sequence, repetition and selection appropriately in algorithms and programs	
19	I explore the use of variables in their programs	
20	I can design, test, debug and refine programs for physical and onscreen devices and systems in several programming environments	
21	I can use logical reasoning to predict outcomes in programs and detect errors	
22	I demonstrate an understanding of selection in various contexts, including sensor inputs to simple automated devices they have built	
23	I can demonstrate I understand how automated systems might be programmed	

Digital Research & Info....Info...

24	I can show an understanding of how we can derive information from data	
25	I know data is analysed to provide information about us and that this can be positive or negative	
26	I can explain in simple terms how a search engine retrieves data	
27	I can use search operators and linked searches effectively to locate required information	
28	I can demonstrate I know how my digital footprint is created	
29	I can construct different types of question; use to structure a database	
30	I can use databases to organise, refine analyse data	
31	I can present answers/conclusions in suitable formats, support by appropriate graphs;	
32	I understand how to identify and correct inaccurate/implausible data in a database	

	Dosthill Primary School I am working towards Building Block A6 in Computing	
	Working with computers	
1	I can save and organise their work appropriately in the school network and online spaces	
2	I can apply the school's rules on data protection; be proactive in promoting good eSafe practice in others and through the school community	
3	I can apply the school eSafety rules consistently including those for appropriate use, personal data and data protection;	
4	I demonstrate I am proactive in promoting good eSafe practice through the school community	
5	I always demonstrate good behaviour when using technology; promote safe practice in others	
6	I can critically evaluate the effectiveness of their work; identify and implement improvements / refinements	
	Create	
7	I can use a range of digital tools and techniques to plan, structure, refine and present sound recordings for specific audiences	
8	I can evaluate the effectiveness of their sound work; explain how they could adapt pieces for several different audiences	
9	I can develop detailed plans for my work, explaining why selected tools and techniques are suitable for specific pieces of work	
10	I can describe how keeping and reviewing drafts is key in building their critical awareness understand how online spaces are used and how these differ from offline networks	
11	I can save and organise their work appropriately and efficiently, both on and offline	
12	I can discuss my knowledge and experience of using technology to work with digital sound in and beyond school	
	eWorlds & Digital Communication	
13	I can critically evaluate the impact on audiences and participants of different digital communication technologies	
14	I can select/use appropriate digital tools for online research	
15	I can ensure the information they contribute to online spaces is high quality, accurate, unbiased, relevant and truthful	
16	I can organise and adjust language/ and style of their communications, for the context, audience needs and the technology used	
17	I can discuss advantages/disadvantages of using technology to communicate and collaborate in and out of school	
	Digital Research & Info....Info...	
18	I can correctly select and use different formulae and functions in their spreadsheets/spreadsheet models	
19	I can design a spreadsheet to record and support analysis of findings from various sources	
20	I can design/develop efficient spreadsheets and spreadsheet models to investigate problems and test hypotheses; using graphs appropriately	
21	I can accurately identify variables in a model; explain impact of changing	
22	I routinely check data accuracy and reliability. Explain how they check for accuracy/reliability	
22	I can critically evaluate my models; identify improvements/refinements.	
24	I can describe how spreadsheets are used in the wider world	