

Computing – Upper Key Stage 2



Programming

- I can explain what a variable is in programming.
- I can set/change the variable values appropriately
- I know some ways that text variables can be used in coding.
- I can create loops using the timer and If/else statements.
- I can plan a program before coding to anticipate the variables that will be required to achieve the desired effect.
- I can debug when things do not run as expected.
- I can organize code to make it easier to read
- I can adapt previous code to meet my own needs

Data

- I can create a formula in a spreadsheet
- I can use different tools within the spreadsheet
- I can create simple formulae that use different variables
- I can use a database to answer questions on probability
- I can use different ways to search a database
- I can enter information into my own database
- I know what a database field is and add information
- I can combine media in order to present information effectively

Understanding

- I can review and analyse a computer game
- I can design my own game
- I can upload images and use drawing tools
- I understand how a blog can be used as an informative text.
- I can create a blog with a specific purpose
- I can post comments on a blog
- I know the difference between the World Wide Web and the internet
- I can consider some of the major changes in technology which have taken place during my lifetime and the lifetime of my teacher/another adult
- I understand that online content should not be adapted without permission or acknowledgement
- I understand how different devices connect to the internet
- I can use email attachments, upload documents to shared space in order to understand protocols
- I can share and collaborate using a range of online resources: forums, messaging, e-portfolios, apps
- I can choose and evaluate appropriate tools

Using Effectively

- I can take copy and paste shortcuts
- I can use effective strategies to search with appropriate search engines.
- I can use search engines as part of effective research
- I can describe how search results are selected and ranked

Keeping Safe

- I know what Childnet SMART CREW is and have used their resources to gain an understanding of keeping safe online
- I know who to tell if I am are upset by something that happens online
- I understand the approval process that my posts go through and demonstrate an awareness of the issues surrounding inappropriate posts and cyberbullying
- I can make good choices when they present themselves online
- I know how to protect online identity.
- I can behave responsibly and respectfully online
- I understand how to use social networking sites appropriately
- I understand both rights and responsibilities when online