DCF - Year 1

Interacting and Collaborating

ELEMENT Communication
- contribute to a whole-class or group online communication in one or more languages, e.g. e-mail or video call.

ELEMENT Collaboration
- collaborate with a partner on a piece of digital work.

ELEMENT Storing and sharing
- save work using a familiar word as a filename, e.g. child's name/keyword.

Producing

ELEMENT Creating
- select appropriate software to complete given tasks in order to use text, image, sound, animation and video.

ELEMENT Planning, sourcing and searching
- identify some success criteria in response to questions, e.g. choose appropriate colour and add title to video
- use text when searching for information/media (image, video, sound) and use an internet browser independently, e.g. open web browser and type in one keyword for a search

ELEMENT Evaluating and improving
- comment on work in relation to the success criteria, e.g. add comments using recording feature in software.

Citizenship

ELEMENT Digital rights, licensing and ownership
- add their name and the date to work they have created, e.g. type their first name and surname and add a date to pieces of work.

ELEMENT Online behaviour and cyberbullying
- start to recognise different symbols seen online, e.g. padlock, emoticons
- simply explain that digital technology can be used to communicate and connect with others locally and globally, e.g. text, image, photographs, video, newsletters, e-mail, web services
- begin to identify similarities and differences between online and offline communication, e.g. follow same rules when communicating face-to-face and online
- use appropriate words and feelings, e.g. discuss words, and acts

ELEMENT Identity, image and reputation
- understand that some websites ask for information that is private and personal, e.g. identify private and personal information and discuss how to handle requests for private information – not disclosing full name, address, date of birth, school.

ELEMENT Health and well-being
- use digital devices within a controlled environment, time and context, e.g. use for a given time limit and specified outcome.

Data and Computational Thinking

ELEMENT Data and information literacy
- classify an object using more than one criterion, e.g. labelling group/set
- collate and group given data using simple words, e.g. sort pictures/words
- record data collected in a suitable format, e.g. use tally charts, pictograms and block graphs in a simple computing package.

ELEMENT Problem solving and modelling
- follow a sequence of steps to solve a problem, e.g. predict and explain what actions are needed to make something happen
- change instructions to achieve a different outcome
- create and record written instructions that others understand and can follow
- break down a problem into separate parts to make it easier to understand