

Creating Pictures

I can the style and features of work by different artists and use shapes to create pictures in these styles using shapes on a computer.

I can describe the main features of art that uses repeating patterns and create art by repeating patterns in a variety of ways.

I can combine more than one effect to enhance my patterns.

I can use the eCollage function to create surrealist art using drawing and clipart.

Making Music

I can make music digitally using 2Sequence.

I can explore, edit and combine sounds.

I can change the volume of background sounds.

I can add sounds to a tune I've already created to change it.

I can think about how music can be used to express feelings and create tunes which depict feelings.

I can upload a sound from a bank of sounds into the Sounds section.

I can record my own sound and upload it into the Sounds section.

I can create my own tune using the sounds which I have added to the Sounds section.

Presenting Ideas

I can explore how a story can be presented in different ways.

I can make a quiz about a story or class topic.

I can make a fact file on a nonfiction topic using clipart, photos & tables.

I can make a presentation to the class.

I can collect, organise and present data and information in digital content.

I can create digital content to achieve a given goal by combining software packages.

Coding

I understand what an algorithm is.

I can create a computer program using simple algorithms.

I can use a 'button' in my programs.

I can use the 'Repeat' command.

I can use the 'Timer' command.

I know what debugging means.

I understand the need to test and debug a program repeatedly.

I can debug simple programs.

I can create programs using different kinds of objects whose behaviours are limited to specific actions.

I can predict what the objects will do in other programs, based on their knowledge of what the object is capable of.

I can discuss predict specific actions using logic and knowledge about what the objects are limited to.

I can use all the coding knowledge I have learned to create a more complex program that tells a story.



End of Year Expectations Computer Studies Year 2

Spreadsheets

I can use copying & pasting to add information to a spreadsheet.

I can use the totalling tool to add the value of rows & columns.

I can create a table and a block graph from information on my spreadsheet.

Effective Searching

I understand the terminology associated with searching.

I have gained a better understanding about searching on the Internet.

I can create a leaflet to help someone search for information on the Internet.

Questioning – data handling

I know that the information provided on pictogram is of limited use beyond answering simple questions.

I can use YES or No questions to separate information.

I can construct a binary tree to separate different items and use this to answer questions.

I can use a database to answer more complex search questions.

I can use the search tool to find information.

Online Safety

I can refine searches using the Search tool.

I can share work electronically using the display boards.

I can use digital technology to share work, to communicate and connect with others locally.

I have some knowledge and understanding about sharing more globally on the Internet.

I can use Email as a communication tool.

I know how we talk to others when they aren't there in front of us.

I can open and send simple online communications in the form of email.

I know that information put online leaves a digital footprint or trail.

I can begin to think critically about the information I leave online.

I can identify the steps that can be taken to keep personal data and hardware secure.