

Computing @ SJB

EMERGING	SECURE	DEEPENING	MASTERY
<ul style="list-style-type: none"> • I can open Google Chrome • I can use a web browser to search for simple information • I can use applications to find files • I can use menus and right click to help me use applications • I understand the importance of a well presented document 	<ul style="list-style-type: none"> • I know that Google Chrome provides me with helpful tabs all ready for me to use • I can use a web browser to search using appropriate terms • I can use my knowledge of applications to save and open files • I can use shortcuts, menus and ribbon to help me use applications • I understand the principles and importance of a well presented document 	<ul style="list-style-type: none"> • I understand I can access Outlook using a Web Browser • I know if someone else is logged in and can reset the PC to sign myself in • I can use a web browser to search using appropriate terms to progressively narrow my search • I can use my knowledge of applications to keep my files organised in folders • I can use the internet and other sources of assistance to discover how to do things in the applications that I use. • I can create documents using the principles of a well presented document 	<ul style="list-style-type: none"> • I understand the screen power is totally separate from the PC being on or off • I can use a web browser to search using appropriate terms to progressively narrow my search, including the use of modifiers in search terms • I can keep my files organised in folders which reflect the subjects • I understand OneDrive allows me access to my files anywhere with an internet connection • I can use the internet and other sources of assistance to discover how to do things in applications that are new to me • I can create well presented documents across multiple applications, combining various types of content.

WWW :

EBI :

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<ul style="list-style-type: none"> • I can use a web browser to search for images • I can use File Explorer to look for files • I can open applications with guidance • In MS Office, I can open existing documents, edit them and save them • In Excel I understand that data is entered in Columns and Rows. 	<ul style="list-style-type: none"> • I can use a web browser to search for images and save them to a folder • I can use File Explorer to create, copy and move files and folders • I can find and open applications I am familiar with • In MS Office, I can work with existing documents and assign formatting such as bold text and new fonts • In Excel I understand that that we can carry out calculations on data in rows and columns 	<ul style="list-style-type: none"> • Using a web browser I can filter image search results using tools and save them to a folder • I can use File Explorer with a range of shortcuts, toolbars and other methods to create, copy and move files and folders • I can find and open applications including new ones I've never found before • In MS Office, I can work with both new and existing documents and assign formatting such as bold text and new fonts and styles • In Excel I can use formula, sorting and filtering to work with data 	<ul style="list-style-type: none"> • Using a web browser I can filter image search results using tools and save them to a folder and also screenshot them • I can use File Explorer with a range of methods to create, copy and move files and folders and be able to use Thumbnail view for previewing • I can find and open the applications needed for a task without guidance • In MS Office, I can work with both new and existing documents and assign formatting including creating styles and embedding images with the appropriate wrapping • In Excel I can use formula, sorting, filtering and charting to work with data.

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<ul style="list-style-type: none"> • I understand why we use algorithms in computing • I can use Flowgorithm to create a sequence of instructions • I am able to use variables to store data • I understand what selection and iteration are 	<ul style="list-style-type: none"> • I am able to write programs in Flowgorithm using sequence, selection and iteration • I can create variables with the appropriate data type 	<ul style="list-style-type: none"> • I can amend and adapt programs in Flowgorithm to write my own code • I can explain the changes and what will happen in the code 	<ul style="list-style-type: none"> • I can write my own programs in Flowgorithm from a given scenario • I understand how to use the more complex blocks in Flowgorithm

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<ul style="list-style-type: none"> • I can use techniques to crack codes as long as I have been told the correct technique to use. • With guidance, I am capable of encrypting information using a range of ciphers. • I can apply a formula in Excel, under guidance, as part of the encryption and decryption process. • I can run Python code with appropriate inputs to encrypt and decrypt data 	<ul style="list-style-type: none"> • I can apply a code-cracking technique with some guidance. • With some guidance I can encrypt information using a range of ciphers. • I can, with guidance, apply formulas in Excel to encrypt and decrypt data. • I can, with guidance, make changes to Python code to encrypt and decrypt data. 	<ul style="list-style-type: none"> • I can independently apply a technique to crack a code and, with guidance, can apply more than one technique for complex codes. • I am capable of encrypting information using a range of ciphers mostly independently. • I can use formulas in Excel with limited guidance to automate encrypting and decrypting data. • I can, with limited guidance, make changes to Python code to encrypt and decrypt data. 	<ul style="list-style-type: none"> • I can independently apply a range of techniques to crack codes. • On my own I am capable of encrypting information using a range of ciphers including my own new versions. • I can use formulas in Excel independently to automate encrypting and decrypting data. • I can independently make changes to Python code to encrypt and decrypt data.

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<ul style="list-style-type: none"> • I can, with guidance, change the order of blocks and introduce new blocks to control sprites. • I can, with guidance, create a game that allows the user to control sprites and achieve a result. • I can, with guidance, select the right blocks for particular purposes. • I can, with guidance, use control blocks such as loops and selection, for particular purposes. • I can use built-in design tools, with guidance, in Scratch to create my own sprites and backgrounds and edit sound. 	<ul style="list-style-type: none"> • I can, with some guidance, change the order of blocks and introduce new blocks to control sprites and the way in which they interact with each other. • I can, with some guidance, create a game that allows the user to control sprites and has a clear and achievable purpose. • I can, with some guidance, select the right blocks for particular purposes. • I can, with some guidance, use control blocks such as loops and selection, for particular purposes often combining them together. • I can use built-in design tools, with some guidance, in Scratch to create my own sprites and backgrounds and edit sound 	<ul style="list-style-type: none"> • I can, mostly independently, change the order of blocks and introduce new blocks to control sprites and the way in which they interact with each other. • I can, mostly independently, create a game that allows the user to control sprites and has a clear and achievable purpose. • I can, mostly without guidance, select the right blocks for particular purposes. • I can, mostly independently, use a range of control blocks such as loops and selection, for particular purposes. • I can use built-in design tools, mostly without guidance, in Scratch to create my own sprites and backgrounds and edit sound. 	<ul style="list-style-type: none"> • I can, independently, change the order of blocks and introduce new blocks to control sprites and the way in which they interact with each other. • I can, independently, create a purposeful and novel game. • I can independently select the right blocks for particular purposes. • I can independently use a range of control blocks such as loops and selection in combination, for particular purposes. • I can use built-in design tools independently in Scratch to create my own sprites and backgrounds and edit sound.

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