

# Computing Vocabulary Progression



|                                                                           | EYFS<br>Hear                              | Year 1<br>Use                                                                               | Year 2<br>Use                                                                                                                                                                      | Year 3<br>Use                                                                                                                                                                                                     |                                                                                | Year 4<br>Use                                                                                                                                                                                                                         |                                                                                                                         | Year 5<br>Use and define                                                                                                                                                                                    |                                                                                                                                                               | Year 6<br>Use and define                                                                                                                                                                                                                 |                                                                                                                                                                                                             |
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| Computer science<br>-Problem solving<br>-Programming<br>-Logical thinking | create<br>sequence<br>organise<br>program | algorithm<br>create<br>command<br>organise<br>sequence<br>software<br>store/save<br>program | algorithm<br>blocks<br>command<br>debug<br>execute<br>manipulate<br>organise<br>scripted<br>sequence<br>software<br>store<br>predict<br>program<br>retrieve<br>reverse<br>engineer | algorithm<br>block<br>language<br>command<br>debug<br>execute<br>input<br>output<br>loops<br>manipulate<br>organise<br>program<br>repetition<br>scripted<br>sequence<br>simulation<br>sprite<br>software<br>store | program<br>physical<br>system<br>repetition<br>retrieve<br>reverse<br>engineer | algorithm<br>block<br>language<br>command<br>collaboration<br>debug<br>encrypted<br>execute<br>HTTP<br>input<br>output<br>loops<br>manipulate<br>organise<br>program<br>repetition<br>scripted<br>selection<br>sequence<br>simulation | software<br>store<br>packets of<br>data<br>program<br>repetition<br>retrieve<br>reverse<br>engineer<br>URL<br>variables | algorithm<br>block language<br>command<br>control<br>collaboration<br>debug<br>decomposition<br>encrypted<br>execute<br>HTTP<br>input<br>output<br>loops<br>manipulate<br>organise<br>program<br>repetition | scripted<br>selection<br>sequence<br>simulation<br>software<br>store<br>packets of<br>data<br>program<br>repetition<br>retrieve<br>reverse<br>engineer<br>URL | algorithm<br>block<br>language<br>command<br>control<br>collaboration<br>debug<br>decomposition<br>encrypted<br>execute<br>hardware<br>HTTP<br>input<br>IP address<br>output<br>loops<br>manipulate<br>organise<br>program<br>repetition | selection<br>sequence<br>simulation<br>sprite<br>software<br>store<br>packets of<br>data<br>program<br>physical<br>system<br>repetition<br>retrieve<br>variables<br>reverse<br>engineer<br>URL<br>variables |

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| Information technology<br>-Creating content<br>-Searching   | computer<br>digital<br>devices | digital<br>content<br>digital<br>devices<br>computer<br>network | data digital<br>content<br>digital<br>devices<br>network            | data digital content<br>digital devices<br>network safe search<br>mode search<br>technologies software | cached<br>collecting<br>data<br>digital content<br>digital devices<br>network<br>safe search mode<br>search technologies server<br>software        | cached<br>collecting data<br>digital content<br>digital devices<br>evaluating<br>network<br>safe search mode<br>search technologies<br>server software           | cached<br>collecting<br>data<br>digital content<br>digital devices<br>evaluating<br>network<br>safe search mode<br>search technologies<br>server software                                    |
| Digital literacy<br>-E-safety<br>-Using IT<br>beyond school | password<br>information        | password<br>personal<br>information<br>world wide<br>web        | password<br>personal<br>information<br>private<br>world wide<br>web | command evaluating<br>digital content<br>password personal<br>information<br>private<br>world wide web | acceptable/unacceptable<br>behaviours<br>command<br>evaluating<br>digital content<br>password<br>personal information<br>private<br>world wide web | acceptable/unacceptable<br>behaviours<br>command<br>encryption<br>evaluating<br>digital content<br>password personal<br>information<br>private<br>world wide web | acceptable/unacceptable<br>behaviours<br>command<br>detect<br>encryption<br>evaluating<br>digital content<br>password<br>personal information<br>private<br>responsibility<br>world wide web |