

Vocabulary PROGRESSION in Computing

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| E-Safety | | | | | |
|---|--|---|---|--|---|
| Year 1/2 | | Year 3/4 | | Year 5/6 | |
| sad frightened upset adult help recognise communicate considerate bully trust consent permission technology risk real safe rules sad frightened adult search engine navigate link | Help embarrassed incorrect behave uncomfortable information copied sharing blame search uncomfortable back home button joke information imaginary technology PASSWORDS trust voice activated webpage protect | change likes interests worried feelings angry behaviour online offline social beliefs bullied identity impact perceive recognise owner store opinions beliefs frightened adult negative positive uncomfortable worried strategies consent pressured | personal trust nervous uncomfortable hurt thoughts behave positive created copied shared represent permission strategies media content supervision impact respected personal distraction limit permission context restrictions analyse | responsible choices online offline uncomfortable sad worried help communications harm fault communities bullying concerns trusted ABUSIVE search technology persuasive advice password privacy re-USED benefits limitations fact belief influence inaccurate | identity gender race religion disability culture privately evidence modified altered representations positive negative strategies consequences judgements reputation anonymity collaborate perceives target audience report tips permission store share presented reviews |

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|--|--|-----------------------|--|---|--|
| | | judgement accuracy | | scam skeptical evaluate commercial ranked manipulation | opinion evidence analyse evaluate digital content reliability validity stereotype hoax |
|--|--|-----------------------|--|---|--|

Programming

| Year 1/2 | | Year 3/4 | | Year 5/6 | |
|--|--|--|---|---|--|
| turn move forwards backwards left right shape steps stop start forwards backwards instructions reasoning predict half quarter clockwise anti-clockwise | programme instruction direction plan devices right-angled beginning end sequence left right turn directions position algorithms program sprite beebot app debug script | problem fix find plan left right direction forwards backwards up down turn shapes robot path turn algorithms pen up pen down | error detect logical reasoning correct route instructions debug algorithm program sequence selection repetition loop procedure instructions command programmable properties angles | game command score instructions instruct analyse sound instruction pattern improve characters command colour speech movements algorithm debug | sprite algorithms sensing movement variables 'if' 'then' sprite edit predict co-ordinates rotation events variables |

Technology in Our Lives

| Year 1/2 | | Year 3/4 | | Year 5/6 | |
|---|--|--|--|---|---|
| send receive internet buttons questions answer home | technology information author job machine research website | author truth information research website key word purpose | web cam mouse keyboard screen laptop refresh trustworthy | truth fact webpage efficient search results website | search engine source wireless evaluate reliability ip address copyright |

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|---|--|---|--|---|--|
| <p>school question answer explain website author research</p> | <p>programme purpose find out work read copy internet scroll</p> | <p>buttons forwards backwards</p> | <p>navigate web address search engine power cable reliable hard drive desktop hyperlinks</p> | <p>effective rank trustworthy internet talk speak type read images social media chatrooms network</p> | <p>filter plagiarism criteria network router server face-to-face website camera web-cam software hardware ip address</p> |
|---|--|---|--|---|--|

Multimedia

| Year 1/2 | | Year 3/4 | | Year 5/6 | |
|---|--|---|---|---|---|
| <p>paint draw size line colour font edit drag letters words sentences colour mouse keyboard spacebar enter backspace cursor movement steps instructions quick slow photograph video</p> | <p>tools save open style print undo retrieve size shape line paint brush pencil highlight save image click font text print caption body parts story left right</p> | <p>record sound video picture voices camera music button walk wave speed movement sequence figure stop frame frame animation line colour size drag click type shape title</p> | <p>script play back microphone performance title introduction overlay narration import picture photo drawing edit object storyboard flipbook evaluate impact effect insert images organise graphics spell check search engine</p> | <p>colour size drag mouse keyboard keys type layout audience audience word art animations font presentation spell check picture photo edit camera webcam television film character movement walking</p> | <p>insert text box graphics evaluate hyperlink button auto-play editing software storyboard flipbook animator scene background backdrop props stop frame animation frames per second import</p> |

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|---|---|---|--|---|--|
| animate animation cartoon stop frame diagonal vertical horizontal | up down camera | audience animations presentation open suitable heading | copy paste save clipart powerpoint word art font mouse keyboard keys | plan | |
| Handling Data | | | | | |
| Year 1/2 | | Year 3/4 | | Year 5/6 | |
| answer question sort organise facts save information store research | branching datABase import technology digital search upload | record light level time save menu lux represent conditions environment remote sort YES no question answer same different CLASSify criteria characteristics similar identify | data information download connection meASURE graph retrieve navigate levels information true FALSE organise branching datABase analyse | information sort question alphabetically store organise search colour similar different same more less fewer column row border format font table collect analyse present evaluate record programmes sound temperate investigate | datABase input data record field query sort filter data information compare similar different menu title heading excel spreadsheet tab bar chart line graph software data graph retrieve accuracy environments probe lux |

| | | | | | |
|--|--|--|--|-------------------------|--|
| | | | | light levels save | reliability snap SHOT continuous |
|--|--|--|--|-------------------------|--|