Computing Progression of Knowledge and Skills

Key to understanding this document: Black = National Curriculum objectives Blue = Knowledge Red = Skills to be taught Green = Resources to be used

The learning intentions to be used for the lessons are written next to the lesson codes. E.g. UT1 or UI3

At The Discovery School we understand the importance of our children knowing more, remembering more and doing more. With this in mind, we teach the children the knowledge they require, ensuring they have opportunities for the retrieval of knowledge and the chance to apply new skills during their learning.

| Area of | EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|-----------------|----------------------|-------------------------------------|---|-------------------------|---------------------------|--|----------------------------|
| Learning | | | | | | | |
| Using | I can confidently | I know how to use a | I know which i cons to | I know the position of | I know that multiple | I know that specific | I can produce work |
| Technology | choose a resource | username and | press in order to save | the keys on a 'QWERTY' | devices canaccess a | programs will perform | considering my target |
| | to play with. To | password. UT1: To | and print. UT1: To | keyboard. UT1: To | document | specific tasks better than | audience using advanced |
| | be able to show | begin to independently | confidently access an | developtypingspeed | simultaneously. UT1: To | others. UT1: To compare | features of a program. |
| | confidence in | accessaniPade.g. | iPad and save and print | and accuracy to develop | use collaborative | programs of a similar | UT1: To continue to |
| | choosing | logging on and opening | on an online platform. | competency. Use BBC | software padlet and | nature and evaluate | produce work using a |
| | resources and | programs following | Purple Mash | Dance Mat typing to | Google Docs. | which is most effective at | computer, using more |
| | perseverance in | clear instructions. | | supplement word | | performing specific tasks. | advanced features of |
| | carrying out a | Purple Mash | I know the position of | processing skills. | I know which keys to | E.g. Google slides, Google | programs and tools e.g. I |
| | chosen activity. | 141 | the keys on a 'QWERTY' | | press and hold in order | docs, Microsoft Publisher | can us e organisational |
| | | I can use space, enter, | keyboard. UT2: To begin | I can choose which | to move text. UT2: To | – which is best? | features, select |
| | l know how to | full stop key on a | to develop familiarity of | word processing | use copy, paste and cut | Comment of the second s | backgrounds with |
| | keep trying when | keyboard. UT2: To | position of letter keys. | s oftware is more | keys to move | I know how to produce a | audience in mind and |
| | I find something | understand the <mark>(space,</mark> | Purple Mash | effective. UT2: To be | information. Use | piece of work on different | insert text boxes. |
| | difficult. To be | enter, full stop) keys on | and the second se | able to make choices | shorthand keys too | programs and use | Google Docs and |
| | able to show | an i Pad keyboard. | I can use the shift key to | a bout which software | (Ctrl+C, Ctrl+V and | advanced features to edit | Microsoft Publisher |
| | resilience and | | create a capital letter. | or hardware is most | Ctrl+Z). Google Docs on | my work. UT2: To | |
| | perseverance | I know how to take a | UT3: To understand | appropriate to use and | a laptop. | continue to produce work | I can produce work |
| | when faced with a | picture on an iPad and a | how to use the shift | to explain – Google | | using a computer, using | considering my target |
| | challenge. | camera. UT3: To be able | key. | Docs and Purple Mash | I know that I need to | more advanced features | audience using advanced |
| | | to make simple choices | | 2Write | input data in a table and | of programs and tools | features of a program. |
| | I know how to | about which hard ware | I know how to insert a | | then select this data to | e.g. I can use margin tools | UT2: To competently |
| | s a fely use smaller | is most appropriate to | photo before making | I know which i cons to | create a chart. UT3 DATA | and text box links on | create documents and |
| | objects for small | use and begin to explain | s imple e dits. <mark>UT4: To be</mark> | press in order to edit | REPRESENTATION*: To | Microsoft Publisher, | presentations that serve a |
| | motorskills. To be | why. Compare iPad & | able to make choices | work on a word | use data within | bullet points, columns | purpose and suit the |
| | able to develop | camera through | about which s oftware is | processing software. | s pre adsheets to create | etc. on Google Docs. | needs of an intended |
| | theirs mall motor | discussion. | most appropriate to use | UT3: To continue to | graphs or present data in | | audience. I can use |
| | skills so they can | | <mark>– Compare: Purple</mark> | produce work using | different ways – To | I know how to create a | organisational features, |
| | use a range of | I know which i cons to | Mash - 2Paint A Picture, | word processing tools, | create a table of data | presentation that include | select backgrounds with |
| | tools | press in order to change | simple editing of photos | using more advanced | and convert this into an | transitions, timings, audio | audience in mind and |

| competently, | the font and size. UT4: | <mark>(this can be cross-</mark> | features of programs – | appropriate line or pie | and hyperlinks. UT3: To | insert text boxes. Google |
|--------------------|---------------------------|---|---|-----------------------------|----------------------------|--|
| safelyand | To begin to produce | curricular and only | Google Apps - Slides, | chart. | begin to create | Docs, Google Slides or |
| confidently. | work using an iPad | <mark>needs to be in 2Pa int A</mark> | Creating a textbox, | Google sheets | documents and | Microsoft PowerPoint |
| | independentlyor | Picture program) | bullet point list, word | | presentations using | I can input data into a |
| I can use a simple | collaboratively. Purple | I know how to insert a | art, headings | I know how to insert and | a dvanced features such | spreadsheet to a nalyse |
| programonan | Mash – 2Publish | photo before making | | change i mages and | as adding/creating | and evaluate the results. |
| electronic device. | (English) – 'I have found | simple edits. UT5: To | I know how to type text, | sounds to create one | audio, hyperlinks, video | UT3 DATA |
| To be able to use | out' - change colour of | independently use a | create transitions and | whole piece of edited | timings. | REPRESENTATION*: To |
| ICT hardware to | font, size and pictures | variety of hard ware for | change designs/fonts. | digital media. UT4: To | Microsoft PowerPoint | undertake market |
| interact with an | I know that there are | different purposes – | UT4: To use a wide | select and a manipulate | | research, collecting |
| age appropriate | manydifferent | using an iPad, to take | range of programs to | sound and images using | I can highlight data in a | relevant data, analysing |
| computer | technologies that we | photos and add text on | create documents and | a digital device. Use | spreadsheet and select a | and evaluating before |
| software. | interact with in our day | piccollage, <mark>2Simple</mark> | presentations – Google | i Movie on the iPad to | formulae to interpret the | presenting using a |
| | to daylives. UT5: To | photo editor <mark>, s imple</mark> | Docs, Google Slides, | manipulate sound and | data. UT4 DATA | suitable software. |
| l can create a | re cognise common uses | editing of photos (this | creating transitions, | images simultaneously. | REPRESENTATION*: To | Google Sheets or |
| video recording, | ofinformation | can be cross-curricular | designs, fonts | - | use technology, including | Microsoft Excel |
| listen to a story | te chnology beyond | and only needs to be in | | I know how to wire a | spreadsheets, to create | |
| and draw a | school - mobile | 2Photo program) | I know how to collect | circuit to create a | graphs and present data | I know how to |
| picture on a | phones/tablets/games | | data, input it onto a | physical system. UT5: | in different ways using | manipulate sound using |
| screen. | consoles | I know which i cons to | spreadsheet and use it | WITHIN SCIENCE TO | basic formulae (Sum). Use | editing tools. UT4: To use |
| | | press in order to make | to create a graph. UT5 | understand how a | data collected in research | complex sound e diting |
| I know how to | I know that there are | the font bold, italics or | DATA | physical system works. | UI1/2/3. | technology to manipulate |
| access a range of | manydifferent | underlined. UT6: To | REPRESENTATION*: To | makey makey hardware | Google sheets on i Pads or | a range of sounds. Use |
| different | te chnologies that we | begin to produce work | understand the basic | (linked to electricity | Microsoft Excel on | 'Audacity' on a laptop <mark>to</mark> |
| technology. To be | interact with in our day | using an ipad | structure of a database | topic) To create a | laptops. | create and manipulate |
| able to develop | to daylives. UT6: To be | independently, using | and to add simple data | physical electrical circuit | Transferry. | sound (this could be |
| digital literacy | able to discuss their use | simple features of | to a spreadsheet and | using a circuit board. | I know how to edit and | linked to the Y6 |
| skills by being | of technology at home – | programs and tools – | use information for a | | manipulate an image. | production or Enterprise). |
| able to access, | mobile phones, tablets, | italics, bold, underline | bargraph-Google | UT6: To understand that | UT5: To independently | |
| understand and | games consoles | Google Apps Slides. | Sheets | work can be saved to an | manipulate an image | I know how to |
| interact with a | | | | online cloud. | using a complex digital | manipulate an image for |
| range of | - 1 - C | I know how to insert a | I can take a photo | | device. Use 'Gimp' on the | a purpose and link digital |
| te chnologies. | 900 | picture and record sound on a | before manipulating it | | laptop to manipulate | content. UT5: To |
| | | presentation. UT7: To | on an editing software. UT6: To select and | 1000 | imagesina range of | ma nipulate an i mage |
| | 000 | | | | ways.LinktoUI4/5/6 | using Augmented Reality |
| | | begin to develop an | manipulate an image | and the second second | work by sending the | (AR) on a digital device. |
| | | understanding of | using a digital device. | | image as an attachment. | Use 'Augment' on the |
| | | creating presentations to organise ideas – | Use Polygen on the iPad to manipulate a | | | iPads to add AR to a |
| | | Google Apps Slides | photograph. | | UT6: To understand how | photograph or poster |
| | | pictures and recording | photograph. | | a network works with | (this can be easily applied |
| | | sound | I can select sounds and | | multiple devices | to the Y6 Enterprise |
| | | Sound | | | accessing the same | project posters). |
| | | | combine them to create | | network. | |

| | | the best you can | I know how to collect data and use it to create a simple graph. UT8 DATA REPRESENTATION*: To create a simple data base and graph – Purple Mash – 2Graph I know how to collect data and use it to create a simple graph. UT9 DATA REPRESENTATION*: To recognise the link betwe en collecting data and creating a simple graph Purple Mash – 2Graph I know that there are many different technologies that we interact with in our day to day lives and I can dis cuss and compare their uses. UT10: To recognise common uses of information technology including at school. – discuss carpark barrier, school entry fobs | a piece of music. UT7: To select and a manipulate sound using a digital device. Use Melody Jams on the iPad to manipulate basic sound. | | I can save and access work on multiple devices within a secure network. | |
|----------|--------------------------------------|--|---|--|---|---|---|
| Usingthe | With an adult's | To understand why we | I know that some | I know how to locate | I know that I need to use | I know that not all | I know that I need to |
| Internet | help, I can use the internet to find | use the internet to answer specific | webpages are more useful and have more | key information on a provided webpage. UI1: | specific key words to find specific information. | website will give me relevant or true | check multiple sources before believing |
| | information. To | questions. UI1: Teacher | features than others. | To be able to navigate a | UI1: To be able to | information. UI1: To be | information found on the |
| | be able to find and retrieve | led discussion using Chrome or Edge | UI1: To be able to navigate a simple | webpage and search independently for | navigate a search engine using key search terms. | able to skim read for relevant information and | internet is correct. UI1: To check plausibility of |
| | information of | Sinome of Edge | webpage to find specific | specific and a ppropriate | Child friendly search | identify the impact of | information, |
| | interest to the | I know that webpages | information and know | information. | enginee.g. Kidrex. What | incorrect information or | understanding the impact |
| | | are used to find | that some webpages | | did the Romans eat? | data which may contain | of incorrect information |

| فانات والفانينام المام | | | the south states to | | innelessent bisses | |
|------------------------|---------------------------|------------------------------------|--|---|-----------------------------|------------------------------|
| child with adult | information. UI2:To be | are more useful than | I know that a web | the south state of the | irrelevant, bias or | by looking at multiple |
| supervision. | able to explore a variety | others. Discuss text, | address will only work if | I know that I need to use | implausible data. Use this | sources. I can use a |
| | ofelectronic | images, video and | it is typed accurately. | specific key words to | data to create | search engine and select |
| | information – simple | hyperlinks on a variety | UI2: To understand a | find specific information. | spreadsheets etc UT4. | multiple webpages. |
| | webpage | of webpages. | website has a unique | UI2: To be able to skim | | |
| | | | web address and | read for relevant | UI2: To understand the | UI2: To understand the |
| | I know that emails are a | I know that websites | understand the need | information and modify | is sues surrounding | is sues surround copyright |
| | form of electronic | have a unique web | for accuracy. I can | search key words if | copyright. | and plagiarism and the |
| | communication. UI3: To | address and can | accurately copy a web | necessary. Child friendly | | importance of |
| | understandthat | navigate them using | address and type it into | search engine e.g. | I know how to compose | acknowledging sources. |
| | messages can be sent | links and buttons. UI2: | an address bar. | Kidrex. What did the | an appropriately worded | |
| | electronically in a | To understand a | | Romans eat? | email. UI3: To share and | UI3: To understand that |
| | variety of ways - send a | websit <mark>e has a</mark> unique | | | exchange i deas using | search results are ranked |
| | class email to another | web address and how | 1 A 1 | UI3: To understand that | electronic | in order of relevance and |
| | Y1 class | to find menu buttons | | search results are ranked | communication. Purple | compare a range of |
| | | and links. Initial teacher | | in order of relevance but | Mash 2Email, sharing | sources to check validity |
| | | discussion and then | | may include advertising. | research with a member | of information. |
| | | exploration by pupils. | | and the second se | of the class. | |
| | | I know how to compose | | I know how to add | | I know that websites are |
| | | an effective email and | | information, images and | UI4: To understand the | a us eful tool to a dvertise |
| | | sendit. UI3: To | | links to create a working | s a fety issues surrounding | products and that they |
| | 1.4 | understand that | | website. UI4: To begin to | sending and receiving | should be targeted to an |
| | 1.01 | messages can be sent | | create a basic website. | emails. | audience. UI4: To create a |
| | | electronically in varying | | Google Sites | Purple Mash 2Email. | website and a nalyse its |
| | CLF. | ways - sendown email | | The site should include | Discuss report to teacher | effectiveness. Google |
| | | to imaginary character | | the new skills of | button. | Sites to create website in |
| | | on 2Email in Purple | | inserting hyperlinks, | 12 2 | order to advertise |
| | 111 | Mash, discuss possible | | print screens and | | enterprise project, |
| | | electronic | | cropping as well as | I know how to upload an | production or secondary |
| | Ca. I | communication outside | | previously learnt skills. | attachment to an email. | school website. |
| | 201 | of school and discuss e- | | | UI5: To attach documents | I can carry out market |
| | | safety a round text and | | I know how to use | to an email. Purple Mash | research in order to help |
| | G | game chat. | | shortcuts to copy and | 2Email. Use this as part | me create an effective |
| | 1.63 | | | paste information. UI5: | of photo editing work – | website. |
| | | | | To copy and paste from | attach the photo to the | |
| | | | - | the internet. | email and send. | |
| | | | | -17 | | |
| | | | | 6 1 1 7 | | |
| | | | Transmitted and the second | | | |
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|-----------------|-------------------------|---|-----------------------------------|--|----------------------------------|-----------------------------|
| Programming | I know that a program | I know that an | I know that a block code | I know that algorithms | I know how to | I know that there are |
| & Control | needs an algorithm to | algorithm is a precise | is a visual | can be used to | confidentially write | different coding |
| | run. PC1 | set of instructions. PC1 | representation of an | accomplish multiple | complex algorithms to | languages and can |
| EACH | DECOMPOSTION*: To | DECOMPOSTION*: To | algorithm. | goals. | a chieve specific goals in a | consider their pros and |
| CODING | begin to understand the | understand that an | I know how to debug by | I know how to | variety of ways. PC1 | cons. PC1 EVALUATION*: |
| ELEMENT | term algorithm as a set | algorithm is a set of | make revisions to my | confidentially debug my | PATTERNS*: To continue | To be able to make |
| SHOULD | of instructions to | instructions to achieve a | block code. PC1 | code when lencounter a | to design, write and | choices a bout which |
| INCLUDE: | control or command a | goal on a program. | GENERALISATION*: To | problem. PC1 | debug (correct errors) | coding language is most |
| Independent | program. | | be able to design, write | GENERALISATION*: To | more complex algorithms | appropriate to use and |
| exploration | | I know that debugging is | block code and debug | design, write and debug | that a ccomplish s pecific | explain why. |
| tasks set by | The above objective | a way of solving | (correct errors) simple | (correct errors) more | goals. | |
| the teacher: | will be covered by | problems within my | algorithms that | complex algorithms that | | I know how to |
| Ask the | completing the | code. PC2 LOGIC*: To | accomplish specific | accomplish specific | I know how multiple | confidentially write |
| children how | following compulsory | create and debug | goals. | goals. | variables will affect my | complex algorithms to |
| to make | projects: | (correct errors) in | | and the second sec | block code. PC2: To be | achieve specific goals in a |
| changes to | | simple programs. | I know how to add a | I know how to add | able to work with an | variety of ways. PC2 |
| the code | 1) PC1a: Program a | 10 M 10 M | variable to my block | multiple complex | increasing number of | LOGIC*: To continue to |
| independentl | Bluetooth Beebot | I know that certain code | code. | variables to my block | variables and forms of | design, write and debug |
| y by using | (a blubot) to follow | will make the physical | I understand the | code. PC2: To be able to | input and output. | (correct errors) more |
| question- | a simple command. | resource behave in a | language 'input and | work with an increasing | | complex algorithms that |
| based | 2) PC1b: Supplement | specific way. PC3 | output'. PC2: To be able | number of variables and | I know how to | accomplish specific goals. |
| investigations | this learning with | LOGIC*: To be able to | to work with sim <mark>ple</mark> | forms of input and | incorporate inputs and | |
| | the Purple Mash | use logical reasoning to | variables and some | output. | outputs within my | I know how that |
| E.g: How can | '2Go challenges' | p <mark>redict the b</mark> ehaviour of | basic forms of input and | | algorithmindependently. | problems can be solved |
| you make 'x' | and iPad app 'Daisy | simple programs. | output. | I know how to sequence | PC3 DECOMPOSTION*: | using inputs and outputs. |
| move faster? | Dinosaur'. | | | and use inputs and | To continue to sequence | PC3 GENERALISATION*: |
| How can I | G | The above objectives | The above objectives | outputs effectively.PC3 | algorithms and selection | To problem solve using |
| make the | 1 | will be covered by | will be covered by | DECOMPOSTION*: To | in programs in order to | knowledge of variables to |
| robot move in | | complete the following | complete the following | s equence algorithms to | control a physical system. | see the impact upon |
| a different | 0.4 | compulsory projects: | compulsory projects: | enable effective | 2 | inputs and outputs. |
| way? | 0 | 1) PC123A: Program a | | program function. | The above objectives will | |
| How can I use | | Bluetooth Beebot (a | 1) PC12A: Choose from | | be covered by complete | I know that problems can |
| different | | blubot) using the | Lego Wedo Projects | The above objectives | the following compulsory | be solved in a variety of |
| va ri a bles in | | i Pad app to move in | 1-7 (120 minutes | will be covered by | projects: | ways and can find the |
| order to alter | | specific way – use | each) to build and | complete the following | | most efficient sequence. |
| the function | | block code to create | move a physical | compulsory projects: | 1) PC123A: Use Scratch | PC4 ABSTRACTION*: To |
| of my physical | | loops and repeat. | system. | | to recap learning from | create an efficient |
| system? | | 2) PC123B: Follow Lego | 2) PC12B: Use iPad app | 1) PC123A: Choose from | previous year. <mark>(Use</mark> | sequence of a lgorithms. |
| | | Wedo 'Getting | 'Scratch Jr' to create | Lego Wedo Projects | speech, sensor blocks, | Ensure children seek to |
| | | Started' Projects | a block code with | 9, 10, 11, 12, 13, 14, | | use shortest most |

| Please make sure answers are <u>recorded</u> in children's JOD books. | | t you can | Milo the Space the Science Rover, Milo's Motion Sensor, Milo's Tilt Sensor and Collaborating to build a physical resource and create a basic algorithm (Whole Morning Project). | repeats. This could be linked to the term's topic as you wish. 3) PC12C: Use Hour of Code website to build upon Scratch Jr knowledge, use 1 variable. 4) PC12D: Use Purple Mash 2Code Bubbles on the iPad to transfer coding skills to another gaming platform. | 17, 21, 22, 23 or 24 (120 minutes each) to build and move a physical system, combining variables for a purpose with a more complex physical resource. 2) PC123b: Use Scratch on the iPad to incorporate speech, sensor blocks, repeat until/if/when blocks. | repeat until/if/when blocks). 2) PC123B: Use knowledge of Scratch to use MBlockly on the iPads to control Mbots to follow a specific set of instructions. Move to using the laptop software for controlling Mbots using the same skills. 3) PC123C: On the laptops, use above knowledge to program Ohbots to follow a specific set of instructions. | efficient way to a chieve intended outcome – looping & repeat / repeat until blocks etc The above objectives will be covered by complete the following compulsory projects: PC1234A: Make the link between coding and block code using the app 'Hopscotch' on the iPads. PC1234B: Following this, use Python in pieces on the laptop to continue to link coding and block code. |
|---|--|--|---|---|--|--|--|
| Online Safety | I know what a sensible a mount of 'screen time' is. To be a ble to talk and understand a bout different factors that keep us healthy. | To be able to use technology safely and respectfully, knowing which personal information should be kept private. To understand that the internet can be used for unkind purposes and know who to tell or what to do if they see something upsetting online – tell a trusted adult or discontinue use To be a ware that people online may not be who they say they are. | To be able to use technology safely and respectfully, keeping personal information private. To have a developed understanding that information communicated online can be public and permanent - sending a text message or chatting on a games console (relevant to your class) To begin to understand the meaning of cyberbullying and know | To have an understanding that information published online is public and permanent – Discuss WhatsApp or other social me dia platform relevant to your class To know the meaning of cyberbullying and the forms it can be seen within and know who to tell or what to do if they see something upsetting online e.g. a trusted adult or use block/report features | To have an understanding that information published online is public and permanent and be a ware of privacy settings on certain websites/apps. To know the meaning of 'cyberbullying' and how to be an up stander. Know who to tell or what to do if they see something upsetting on line. E.g. a trusted adult or use the report/block features | To have an understanding that information published online is public and permanent and be aware that privacy settings can be changed on websites or a pps. To recognise warning signals to identify that some one may not be who they say they are online. E.g. asking for personal information, photos, school, address, phone number. To further understand the digital consent age of 13 is related to sponsored | To use their understanding that information published online is public and permanent to underpin their use of the internet. To understand how the digital consent age of 13 is relevant to the apps used (relevant to the individual class) To know that priva cy settings on websites will affect communicating and coll aborating online. To understand which kinds of behaviours |

| To demons related und of E-safety communica Ensure that appropriate class e.g. of chat when around. | whensomething upsettingating online.online e.g. a trustedthis isadult or usee to yourblock/report features.nly videoonline e.g. a trusted | communicate with people but that people online may not be who they say they are. To begin to understand why there are age restrictions on a pps and | To develop an understanding on why there are age restrictions within apps/games and that people online may not be who they say are. To further understand the digital consent age of 13 is related to sponsored advertising and not just the content of the app itself and the use of photos on social media. To demonstrate an age- related understanding of E-safety when communicating online. Ensure that this is appropriate to your dass e.g. only chat to people online that you know and ensure an adult is around. | a dvertising ad what this entails (explain sponsored a dvertising and how sponsors use the information) and not just the content of the app itself and the use of photos on social media. To understand which kinds of behaviours constitute cyberbullying and know how to prevent or respond to it e.g. tested adult or report/block features on websites. To demonstrate an age- related understanding of E-sa fety when communicating online. Ensure that this is a ppropriate to your class e.g. what videos and photos it is appropriate to upload to social media and only if an adult has given you permission. | constitute cyberbullying and know how to prevent or respond to it e.g. trusted adult or report/block features on websites. To recognise warning signals to identify that some one may not be who they say they are online. E.g. a sking for personal information, photos, school, address, phone number. To demonstrate an age- rel ated understanding of E-safety when communicating online. Ens ure that this is appropriate to your class e.g. what videos and photos it is appropriate to upload to social media only if an adult has given you permission. Conversation around self esteem using social media. Dove Real Beauty campaign discussing photo-shopping images: https://www.youtube.co m/watch?v=wpM499XhM JQ |
|---|---|---|--|--|--|
| | | The | Dis | | m/watch?v=wpM499XhN |

| | | | 31 | - | | <u>https://www.youtube.co</u> m/watch?v=6j4xMDXDJM Y |
|-------------------|-------------------|---------------|-----------|-----------------------|------------|--|
| Кеу | algorithm | algorithm | algorithm | algorithm | algorithm | algorithm |
| Vocabulary | email | debug | debug | debug | debug | debug |
| Vocabalaly | laptop | hyperlink | input | search engine | attachment | plagiarism |
| | computer | cyberbullying | output | spreadsheets | copyright | plausibility |
| | iPad | data | open | сору | consent | |
| | communicate | website | software | paste | secure | |
| | internet | save | hardware | cut | network | |
| | login | print | variables | cloud | drive | |
| | username | search | | collaborative | folder | |
| | password keyboard | online | 10 10 10 | and the second second | 8 | |
| | space | | | | | |

* Computational Thinking Vocabulary for Teachers

| DECOMPOSTION | Breaking problems down into parts |
|--------------------|---|
| LOGIC | Predicting and analysing |
| PATTERNS | Identifying and using similarities |
| ABSTRACTION | Getting rid of unnecessary detail |
| GENERALISATION | Using solutions to other problems and adapting them to solve new problems |
| ALGORITHMS | Making rules and steps |
| EVALUATION | Making judgements |
| DATA REPRESENTAION | Ways to organise, sort and show data |

