

SUBJECT CONCEPT PLANS

COMPUTING

DATA AND INFORMATION

Small Steps

MILESTONE 1

Key Stage 1

Grouping Data
<ul style="list-style-type: none"> -I can describe objects using labels - I can identify the label for a group of objects - I can match objects to groups
<ul style="list-style-type: none"> - I can count a group of objects - I can count objects - I can group objects
<ul style="list-style-type: none"> - I can describe an object - I can describe a property of an object - I can find objects with similar properties
<ul style="list-style-type: none"> - I can count how many objects share a property - I can group objects in more than one way - I can group similar objects
<ul style="list-style-type: none"> - I can choose how to group objects - I can describe groups of objects - I can record how many objects are in a group
<ul style="list-style-type: none"> - I can compare groups of objects - I can decide how to group objects to answer a question - I can record and share what I have found

Pictograms
<ul style="list-style-type: none"> - I can compare totals in a tally chart - I can record data in a tally chart - I can represent a tally count as a total
<ul style="list-style-type: none"> - I can enter data onto a computer - I can use a computer to view data in a different format - I can use pictograms to answer simple questions about objects
<ul style="list-style-type: none"> - I can explain what the pictogram shows - I can organise data in a tally chart - I can use a tally chart to create a pictogram
<ul style="list-style-type: none"> - I can answer 'more than'/'less than' and 'most/least' questions about an attribute - I can create a pictogram to arrange objects by an attribute - I can tally objects using a common attribute
<ul style="list-style-type: none"> - I can choose a suitable attribute to compare people - I can collect the data I need - I can create a pictogram and draw conclusions from it
<ul style="list-style-type: none"> - I can give simple examples of why information should not be shared - I can share what I have found out using a computer - I can use a computer program to present information in different ways

SUBJECT CONCEPT PLANS

COMPUTING

DATA AND INFORMATION

Small Steps

MILESTONE 2

Lower Key Stage 2

Branching
<ul style="list-style-type: none"> - I can create two groups of objects separated by one attribute - I can investigate questions with yes/no answers - I can make up a yes/no question about a collection of objects
<ul style="list-style-type: none"> - I can arrange objects into a tree structure - I can create a group of objects within an existing group - I can select an attribute to separate objects into groups
<ul style="list-style-type: none"> - I can group objects using my own yes/no questions - I can select objects to arrange in a branching database - I can test my branching database to see if it works
<ul style="list-style-type: none"> - I can compare two branching database structures - I can create yes/no questions using given attributes - I can explain that questions need to be ordered carefully to split objects into similarly sized groups
<ul style="list-style-type: none"> - I can create a physical version of a branching database - I can create questions that will enable objects to be uniquely identified - I can independently create questions to use in a branching database
<ul style="list-style-type: none"> - I can create a branching database that reflects my plan - I can suggest real-world uses for branching databases - I can work with a partner to test my identification tool

Data Logging
<ul style="list-style-type: none"> - I can choose a data set to answer a given question - I can identify data that can be gathered over time - I can suggest questions that can be answered using a given data set
<ul style="list-style-type: none"> - I can explain what data can be collected using sensors - I can identify that data from sensors can be recorded - I can use data from a sensor to answer a given question
<ul style="list-style-type: none"> - I can identify the intervals used to collect data - I can recognise that a data logger collects data at given points - I can talk about the data that I have captured
<ul style="list-style-type: none"> - I can explain that there are different ways to view data - I can sort data to find information - I can view data at different levels of detail
<ul style="list-style-type: none"> - I can plan how to collect data using a data logger - I can propose a question that can be answered using logged data - I can use a data logger to collect data
<ul style="list-style-type: none"> - I can draw conclusions from the data that I have collected - I can explain the benefits of using a data logger - I can interpret data that has been collected using a data logger

SUBJECT CONCEPT PLANS

COMPUTING

DATA AND INFORMATION

Small Steps

MILESTONE 3

Upper Key Stage 2

Flat-file Databases
<ul style="list-style-type: none">-I can create a database using cards- I can explain how information can be recorded- I can order, sort, and group my data cards
<ul style="list-style-type: none">-I can choose which field to sort data by to answer a given question- I can explain what a field and a record is in a database- I can navigate a flat-file database to compare different views of information
<ul style="list-style-type: none">-I can combine grouping and sorting to answer specific questions- I can explain that data can be grouped using chosen values- I can group information using a database
<ul style="list-style-type: none">-I can choose multiple criteria to answer a given question- I can choose which field and value are required to answer a given question- I can outline how 'AND' and 'OR' can be used to refine data selection
<ul style="list-style-type: none">-I can explain the benefits of using a computer to create charts- I can refine a chart by selecting a particular filter- I can select an appropriate chart to visually compare data
<ul style="list-style-type: none">-I can ask questions that will need more than one field to answer- I can present my findings to a group- I can refine a search in a real-world context

Spreadsheets
<ul style="list-style-type: none">-I can collect data- I can enter data into a spreadsheet- I can suggest how to structure my data
<ul style="list-style-type: none">-I can apply an appropriate format to a cell- I can choose an appropriate format for a cell- I can explain what an item of data is
<ul style="list-style-type: none">-I can construct a formula in a spreadsheet- I can explain which data types can be used in calculations- I can identify that changing inputs changes output
<ul style="list-style-type: none">-I can apply a formula to multiple cells by duplicating it- I can calculate data using different operations- I can create a formula which includes a range of cells
<ul style="list-style-type: none">-I can apply a formula to calculate the data I need to answer questions- I can explain why data should be organised- I can use a spreadsheet to answer questions
<ul style="list-style-type: none">-I can produce a chart- I can suggest when to use a table or chart- I can use a chart to show the answer to questions

SUBJECT CONCEPT PLANS

COMPUTING

CREATING MEDIA

Small Steps

MILESTONE 1

Key Stage 1

Digital Writing
<ul style="list-style-type: none">-I can identify and find keys on a keyboard- I can open a word processor- I can recognise keys on a keyboard
<ul style="list-style-type: none">-I can enter text into a computer- I can use backspace to remove text- I can use letter, number, and space keys
<ul style="list-style-type: none">-I can explain what the keys that I have learnt about already do- I can identify the toolbar and use bold, italic, and underline- I can type capital letters
<ul style="list-style-type: none">-I can change the font- I can select all of the text by clicking and dragging- I can select a word by double-clicking
<ul style="list-style-type: none">-I can decide if my changes have improved my writing- I can say what tool I used to change the text- I can use 'undo' to remove changes
<ul style="list-style-type: none">-I can explain the differences between typing and writing- I can make changes to text on a computer- I can say why I prefer typing or writing

Digital Photography
<ul style="list-style-type: none">-I can explain what I did to capture a digital photo- I can recognise what devices can be used to take photographs- I can talk about how to take a photograph
<ul style="list-style-type: none">-I can explain the process of taking a good photograph- I can explain why a photo looks better in portrait or landscape format- I can take photos in both landscape and portrait format
<ul style="list-style-type: none">-I can discuss how to take a good photograph- I can identify what is wrong with a photograph- I can improve a photograph by retaking it
<ul style="list-style-type: none">-I can experiment with different light sources- I can explain why a picture may be unclear- I can explore the effect that light has on a photo
<ul style="list-style-type: none">-I can explain my choices- I can recognise that images can be changed- I can use a tool to achieve a desired effect
<ul style="list-style-type: none">-I can apply a range of photography skills to capture a photo- I can identify which photos are real and which have been changed- I can recognise which photos have been changed

SUBJECT CONCEPT PLANS

COMPUTING

CREATING MEDIA

Small Steps

MILESTONE 2

Lower Key Stage 2

Desktop Publishing
<ul style="list-style-type: none">-I can explain the difference between text and images- I can identify the advantages and disadvantages of using text and images- I can recognise that text and images can communicate messages clearly
<ul style="list-style-type: none">-I can change font style, size, and colours for a given purpose- I can edit text- I can explain that text can be changed to communicate more clearly
<ul style="list-style-type: none">-I can create a template for a particular purpose- I can define the term 'page orientation'- I can recognise placeholders and say why they are important
<ul style="list-style-type: none">-I can choose the best locations for my content- I can make changes to content after I've added it- I can paste text and images to create a magazine cover
<ul style="list-style-type: none">-I can choose a suitable layout for a given purpose- I can identify different layouts- I can match a layout to a purpose
<ul style="list-style-type: none">-I can compare work made on desktop publishing to work created by hand- I can identify the uses of desktop publishing in the real world- I can say why desktop publishing might be helpful

Audio Production
<ul style="list-style-type: none">-I can explain that the person who records the sound can say who is allowed to use it- I can identify the input and output devices used to record and play sound- I can use a computer to record audio
<ul style="list-style-type: none">-I can discuss what sounds can be added to a podcast- I can inspect the soundwave view to know where to trim my recording- I can re-record my voice to improve my recording
<ul style="list-style-type: none">-I can explain how sounds can be combined to make a podcast more engaging- I can plan appropriate content for a podcast- I can save my project so the different parts remain editable
<ul style="list-style-type: none">-I can improve my voice recordings- I can record content following my plan- I can review the quality of my recordings
<ul style="list-style-type: none">-I can arrange multiple sounds to create the effect I want- I can explain the difference between saving a project and exporting an audio file- I can open my project to continue working on it
<ul style="list-style-type: none">-I can choose appropriate edits to improve my podcast- I can listen to an audio recording to identify its strengths- I can suggest improvements to an audio recording

SUBJECT CONCEPT PLANS

COMPUTING

CREATING MEDIA

Small Steps

MILESTONE 3

Upper Key Stage 2

Video Production
<ul style="list-style-type: none">-I can compare features in different videos- I can explain that video is a visual media format- I can identify features of videos
<ul style="list-style-type: none">-I can experiment with different camera angles- I can identify and find features on a digital video recording device- I can make use of a microphone
<ul style="list-style-type: none">-I can capture video using a range of filming techniques- I can review how effective my video is- I can suggest filming techniques for a given purpose
<ul style="list-style-type: none">-I can create and save video content- I can decide which filming techniques I will use- I can outline the scenes of my video
<ul style="list-style-type: none">-I can explain how to improve a video by reshooting and editing- I can select the correct tools to make edits to my video- I can store, retrieve, and export my recording to a computer
<ul style="list-style-type: none">-I can evaluate my video and share my opinions- I can make edits to my video and improve the final outcome- I can recognise that my choices when making a video will impact on the quality of the final outcome

Web-page Creation
<ul style="list-style-type: none">-I can discuss the different types of media used on websites- I can explore a website- I know that websites are written in HTML
<ul style="list-style-type: none">-I can draw a web page layout that suits my purpose- I can recognise the common features of a web page- I can suggest media to include on my page
<ul style="list-style-type: none">-I can describe what is meant by the term 'fair use'- I can find copyright-free images- I can say why I should use copyright-free images
<ul style="list-style-type: none">-I can add content to my own web page- I can evaluate what my web page looks like on different devices and suggest/make edits- I can preview what my web page looks like
<ul style="list-style-type: none">-I can describe why navigation paths are useful- I can explain what a navigation path is- I can make multiple web pages and link them using hyperlinks
<ul style="list-style-type: none">-I can create hyperlinks to link to other people's work- I can evaluate the user experience of a website- I can explain the implication of linking to content owned by others

SUBJECT CONCEPT PLANS

COMPUTING

PROGRAMMING

Small Steps

MILESTONE 1

Key Stage 1

Moving a Robot
<ul style="list-style-type: none"> - I can match a command to an outcome - I can predict the outcome of a command on a device - I can run a command on a device
<ul style="list-style-type: none"> - I can follow an instruction - I can give directions - I can recall words that can be acted out
<ul style="list-style-type: none"> - I can compare forwards and backwards movements - I can predict the outcome of a sequence involving forwards and backwards commands - I can start a sequence from the same place
<ul style="list-style-type: none"> - I can compare left and right turns - I can experiment with turn and move commands to move a robot - I can predict the outcome of a sequence involving up to four commands
<ul style="list-style-type: none"> - I can choose the order of commands in a sequence - I can debug my program - I can explain what my program should do
<ul style="list-style-type: none"> - I can identify several possible solutions - I can plan two programs - I can use two different programs to get to the same place

Programming Annotations
<ul style="list-style-type: none"> - I can compare different programming tools - I can find which commands to move a sprite - I can use commands to move a sprite
<ul style="list-style-type: none"> - I can run my program - I can use a Start block in a program - I can use more than one block by joining them together
<ul style="list-style-type: none"> - I can change the value - I can find blocks that have numbers - I can say what happens when I change a value
<ul style="list-style-type: none"> - I can add blocks to each of my sprites - I can delete a sprite - I can show that a project can include more than one sprite
<ul style="list-style-type: none"> - I can choose appropriate artwork for my project - I can create an algorithm for each sprite - I can decide how each sprite will move
<ul style="list-style-type: none"> - I can add programming blocks based on my algorithm - I can test the programs I have created - I can use sprites that match my design

SUBJECT CONCEPT PLANS

COMPUTING

PROGRAMMING

Small Steps

MILESTONE 1

Key Stage 1

Robot Algorithms
<ul style="list-style-type: none"> - I can choose a series of words that can be enacted as a sequence - I can follow instructions given by someone else - I can give clear instructions
<ul style="list-style-type: none"> - I can show the difference in outcomes between two sequences that consist of the same commands - I can use an algorithm to program a sequence on a floor robot - I can use the same instructions to create different algorithms
<ul style="list-style-type: none"> - I can compare my prediction to the program outcome - I can follow a sequence - I can predict the outcome of a sequence
<ul style="list-style-type: none"> - I can explain the choices I made for my mat design - I can identify different routes around my mat - I can test my mat to make sure that it is usable
<ul style="list-style-type: none"> - I can create an algorithm to meet my goal - I can explain what my algorithm should achieve - I can use my algorithm to create a program
<ul style="list-style-type: none"> - I can plan algorithms for different parts of a task - I can put together the different parts of my program - I can test and debug each part of the program

Programming Quizzes
<ul style="list-style-type: none"> - I can identify that a program needs to be started - I can identify the start of a sequence - I can show how to run my program
<ul style="list-style-type: none"> - I can change the outcome of a sequence of commands - I can match two sequences with the same outcome - I can predict the outcome of a sequence of commands
<ul style="list-style-type: none"> - I can build the sequences of blocks I need - I can decide which blocks to use to meet the design - I can work out the actions of a sprite in an algorithm
<ul style="list-style-type: none"> - I can choose backgrounds for the design - I can choose characters for the design - I can create a program based on the new design
<ul style="list-style-type: none"> - I can build sequences of blocks to match my design - I can choose the images for my own design - I can create an algorithm
<ul style="list-style-type: none"> - I can compare my project to my design - I can debug my program - I can improve my project by adding features

SUBJECT CONCEPT PLANS

COMPUTING

PROGRAMMING

Small Steps

MILESTONE 2

Lower Key Stage 2

SUBJECT CONCEPT PLANS

COMPUTING

PROGRAMMING

Small Steps

MILESTONE 2

Lower Key Stage 2

Sequencing Sounds
<ul style="list-style-type: none">-I can explain that objects in Scratch have attributes (linked to)- I can identify the objects in a Scratch project (sprites, backdrops)- I can recognise that commands in Scratch are represented as blocks
<ul style="list-style-type: none">-I can choose a word which describes an on-screen action for my plan- I can create a program following a design- I can identify that each sprite is controlled by the commands I choose
<ul style="list-style-type: none">-I can create a sequence of connected commands- I can explain that the objects in my project will respond exactly to the code- I can start a program in different ways
<ul style="list-style-type: none">-I can combine sound commands- I can explain what a sequence is- I can order notes into a sequence
<ul style="list-style-type: none">-I can build a sequence of commands- I can decide the actions for each sprite in a program- I can make design choices for my artwork
<ul style="list-style-type: none">-I can identify and name the objects I will need for a project- I can implement my algorithm as code- I can relate a task description to a design

Events and Actions in Programs
<ul style="list-style-type: none">-I can choose which keys to use for actions and explain my choices- I can explain the relationship between an event and an action- I can identify a way to improve a program
<ul style="list-style-type: none">-I can choose a character for my project- I can choose a suitable size for a character in a maze- I can program movement
<ul style="list-style-type: none">-I can choose blocks to set up my program- I can consider the real world when making design choices- I can use a programming extension
<ul style="list-style-type: none">-I can build more sequences of commands to make my design work- I can choose suitable keys to turn on additional features- I can identify additional features (from a given set of blocks)
<ul style="list-style-type: none">-I can match a piece of code to an outcome- I can modify a program using a design- I can test a program against a given design
<ul style="list-style-type: none">-I can evaluate my project- I can implement my design- I can make design choices and justify them

Repetition in Shapes
<ul style="list-style-type: none">-I can create a code snippet for a given purpose- I can explain the effect of changing a value of a command- I can program a computer by typing commands-I can test my algorithm in a text-based language- I can use a template to create a design for my program- I can write an algorithm to produce a given outcome
<ul style="list-style-type: none">-I can identify everyday tasks that include repetition as part of a sequence, eg brushing teeth, dance moves- I can identify patterns in a sequence- I can use a count-controlled loop to produce a given outcome
<ul style="list-style-type: none">-I can choose which values to change in a loop- I can identify the effect of changing the number of times a task is repeated- I can predict the outcome of a program containing a count-controlled loop
<ul style="list-style-type: none">-I can explain that a computer can repeatedly call a procedure- I can identify 'chunks' of actions in the real world- I can use a procedure in a program
<ul style="list-style-type: none">-I can design a program that includes count-controlled loops- I can develop my program by debugging it- I can make use of my design to write a program

Repetition in Games
<ul style="list-style-type: none">-I can list an everyday task as a set of instructions including repetition- I can modify a snippet of code to create a given outcome- I can predict the outcome of a snippet of code
<ul style="list-style-type: none">-I can choose when to use a count-controlled and an infinite loop- I can modify loops to produce a given outcome- I can recognise that some programming languages enable more than one process to be run at once
<ul style="list-style-type: none">-I can choose which action will be repeated for each object- I can evaluate the effectiveness of the repeated sequences used in my program- I can explain what the outcome of the repeated action should be
<ul style="list-style-type: none">-I can explain the effect of my changes- I can identify which parts of a loop can be changed- I can re-use existing code snippets on new sprites
<ul style="list-style-type: none">-I can develop my own design explaining what my project will do- I can evaluate the use of repetition in a project- I can select key parts of a given project to use in my own design
<ul style="list-style-type: none">-I can build a program that follows my design- I can evaluate the steps I followed when building my project- I can refine the algorithm in my design

SUBJECT CONCEPT PLANS

COMPUTING

PROGRAMMING

Small Steps

MILESTONE 3

Upper Key Stage 2

SUBJECT CONCEPT PLANS

COMPUTING

COMPUTER SYSTEMS + NETWORKS

Small Steps

MILESTONE 1

Key Stage 1

Selection in Physical Computing

- I can create a simple circuit and connect it to a microcontroller
- I can explain what an infinite loop does
- I can program a microcontroller to make an LED switch on
- I can connect more than one output component to a microcontroller
- I can design sequences that use count-controlled loops
- I can use a count-controlled loop to control outputs
- I can design a conditional loop
- I can explain that a condition is either true or false
- I can program a microcontroller to respond to an input
- I can explain that a condition being met can start an action
- I can identify a condition and an action in my project
- I can use selection (an 'if...then...' statement) to direct the flow of a program
- I can create a detailed drawing of my project
- I can describe what my project will do
- I can identify a real-world example of a condition starting an action
- I can test and debug my project
- I can use selection to produce an intended outcome
- I can write an algorithm that describes what my model will do

Selection in Quizzes

- I can identify conditions in a program
- I can modify a condition in a program
- I can recall how conditions are used in selection
- I can create a program with different outcomes using selection
- I can identify the condition and outcomes in an 'if... then... else...' statement
- I can use selection in an infinite loop to check a condition
- I can design the flow of a program which contains 'if... then... else...'
- I can explain that program flow can branch according to a condition
- I can show that a condition can direct program flow in one of two ways
- I can identify the outcome of user input in an algorithm
- I can outline a given task
- I can use a design format to outline my project
- I can implement my algorithm to create the first section of my program
- I can share my program with others
- I can test my program
- I can extend my program further
- I can identify the setup code I need in my program
- I can identify ways the program could be improved

Technology Around Us

- I can explain how these technology examples help us
- I can explain technology as something that helps us
- I can locate examples of technology in the classroom
- I can name the main parts of a computer
- I can switch on and log into a computer
- I can use a mouse to click and drag
- I can click and drag to make objects on a screen
- I can use a mouse to create a picture
- I can use a mouse to open a program
- I can save my work to a file
- I can say what a keyboard is for
- I can type my name on a computer
- I can delete letters
- I can open my work from a file
- I can use the arrow keys to move the cursor
- I can discuss how we benefit from these rules
- I can give examples of some of these rules
- I can identify rules to keep us safe and healthy when we are using technology in and beyond the home

IT Around Us

- I can describe some uses of computers
- I can identify examples of computers
- I can identify that a computer is a part of IT
- I can identify examples of IT
- I can identify that some IT can be used in more than one way
- I can sort school IT by what it's used for
- I can find examples of information technology
- I can sort IT by where it is found
- I can talk about uses of information technology
- I can demonstrate how IT devices work together
- I can recognise common types of technology
- I can say why we use IT
- I can list different uses of information technology
- I can say how rules can help keep me safe
- I can talk about different rules for using IT
- I can explain the need to use IT in different ways
- I can identify the choices that I make when using IT
- I can use IT for different types of activities

SUBJECT CONCEPT PLANS

COMPUTING

COMPUTER SYSTEMS + NETWORKS

Small Steps

MILESTONE 2

Lower Key Stage 2

Connecting Computers
<ul style="list-style-type: none"> - I can explain that digital devices accept inputs - I can explain that digital devices produce outputs - I can follow a process
<ul style="list-style-type: none"> - I can classify input and output devices - I can describe a simple process - I can design a digital device
<ul style="list-style-type: none"> - I can explain how I use digital devices for different activities - I can recognise similarities between using digital devices and non-digital tools - I can suggest differences between using digital devices and non-digital tools
<ul style="list-style-type: none"> - I can discuss why we need a network switch - I can explain how messages are passed through multiple connections - I can recognise different connections
<ul style="list-style-type: none"> - I can demonstrate how information can be passed between devices - I can explain the role of a switch, server, and wireless access point in a network - I can recognise that a computer network is made up of a number of devices
<ul style="list-style-type: none"> - I can identify how devices in a network are connected together - I can identify networked devices around me - I can identify the benefits of computer networks

The Internet
<ul style="list-style-type: none"> - I can demonstrate how information is shared across the internet - I can describe the internet as a network of networks - I can discuss why a network needs protecting
<ul style="list-style-type: none"> - I can describe networked devices and how they connect - I can explain that the internet is used to provide many services - I can recognise that the World Wide Web contains websites and web pages
<ul style="list-style-type: none"> - I can describe how to access websites on the WWW - I can describe where websites are stored when uploaded to the WWW - I can explain the types of media that can be shared on the WWW
<ul style="list-style-type: none"> - I can explain that internet services can be used to create content online - I can explain what media can be found on websites - I can recognise that I can add content to the WWW
<ul style="list-style-type: none"> - I can explain that there are rules to protect content - I can explain that websites and their content are created by people - I can suggest who owns the content on websites
<ul style="list-style-type: none"> - I can explain that not everything on the World Wide Web is true - I can explain why I need to think carefully before I share or reshare content - I can explain why some information I find online may not be honest, accurate, or legal

SUBJECT CONCEPT PLANS

COMPUTING

COMPUTER SYSTEMS + NETWORKS

Small Steps

MILESTONE 3

Upper Key Stage 2

Systems and Searches
<ul style="list-style-type: none"> - I can describe that a computer system features inputs, processes, and outputs - I can explain that computer systems communicate with other devices - I can explain that systems are built using a number of parts
<ul style="list-style-type: none"> - I can explain the benefits of a given computer system - I can identify tasks that are managed by computer systems - I can identify the human elements of a computer system
<ul style="list-style-type: none"> - I can compare results from different search engines - I can make use of a web search to find specific information - I can refine my web search
<ul style="list-style-type: none"> - I can explain why we need tools to find things online - I can recognise the role of web crawlers in creating an index - I can relate a search term to the search engine's index
<ul style="list-style-type: none"> - I can explain that a search engine follows rules to rank results - I can give examples of criteria used by search engines to rank results - I can order a list by rank
<ul style="list-style-type: none"> - I can describe some of the ways that search results can be influenced - I can explain how search engines make money - I can recognise some of the limitations of search engines

Communication and Collaboration
<ul style="list-style-type: none"> - I can describe how computers use addresses to access websites - I can explain that internet devices have addresses - I can recognise that data is transferred using agreed methods
<ul style="list-style-type: none"> - I can explain that all data transferred over the internet is in packets - I can explain that data is transferred over networks in packets - I can identify and explain the main parts of a data packet
<ul style="list-style-type: none"> - I can explain that the internet allows different media to be shared - I can recognise how to access shared files stored online - I can send information over the internet in different ways
<ul style="list-style-type: none"> - I can explain how the internet enables effective collaboration - I can identify different ways of working together online - I can recognise that working together on the internet can be public or private
<ul style="list-style-type: none"> - I can choose methods of communication to suit particular purposes - I can explain the different ways in which people communicate - I can identify that there are a variety of ways to communicate over the internet
<ul style="list-style-type: none"> - I can compare different methods of communicating on the internet - I can decide when I should and should not share information online - I can explain that communication on the internet may not be private