GGA- Autumn Computing Knowledge Organiser for Year One- Online Safety 1.1

Vocabulary

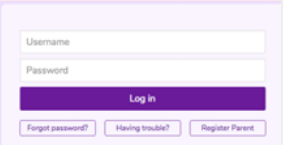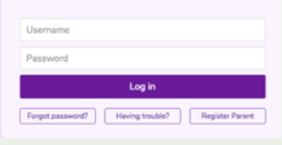|	
Saving	Store your work as you create something so it can be accessed later.
Log in / Log Out	Using a username and password to access a system. / Leaving a computer system.
Avatar	A digital picture to represent someone.
Password	A series of letters, numbers and special characters that is entered after the username to access an online site.
Private	Keeping information restricted from other people.
Button	An area where you click to make something happen.

Why are we learning this?	Why is this important?
To be able to use Purple Mash safely and effectively	It is a way for us to understand the importance of online safety.

Skills that I am going to learn.

Know how to log in safely	Know how to log out and why it is important
I can use my login details to log in to my Purple Mash account	I can log out of my account so it returns to the log in screen

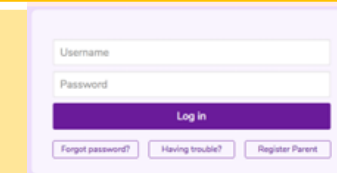| Know how to open, save and print work	Know how to find resources on Purple Mash
I can access my 2Dos and return to them later on	I can find my work and games on Purple Mash

Key Questions

What is a password and why should we keep them safe?

What is a digital avatar?

Where is my work stored on Purple Mash?

Key Images

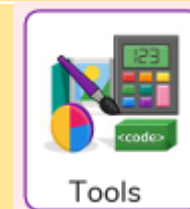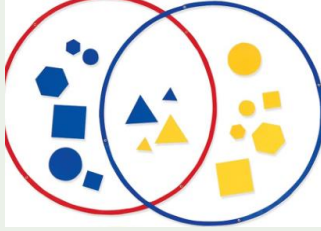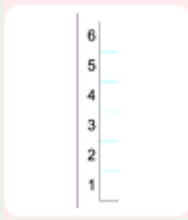|	
	Log in screen
	Avatar
	Save work
	Where our work is stored
	Tools section of Purple Mash

GGA- Autumn Computing Knowledge Organiser for Year One- Grouping and Sorting 1.2

Vocabulary

Criteria	A way in which something is judged.
Groups	Objects arranged and put together because they have features in common.
Sort	Put things together by features they have in common.
Algorithm	A precise, step-by-step set of instructions used to solve a problem or achieve an objective.

Skills that I am going to learn.

Know how to sort items using different criteria	Begin to order steps of a process
I can use the 'grouping' activities on Purple Mash	I can put events into correct steps

Key Resources

Why are we learning this? / Why is this important?

Why are we learning this?	Why is this important?
To be able to group objects into different types of groups	It is a way for us to develop problem solving skills.

Key Questions

In what ways can we sort objects?

GGA- Autumn Computing Knowledge Organiser for Year One- Lego Builders 1.4

Vocabulary

Computer	An electronic device for storing and processing data..
Instructions	Detailed information about how something should be done or operated.
Program	An algorithm that has been coded into something that can be run by a machine, e.g., a computer or a robot.
Code	Instructions that a programmer enters into a computer that cause the computer to perform a certain way.
Debugging	To find and remove errors from computer hardware or software.

Skills that I am going to learn.

Know how to create clear instructions

I can write instructions that someone else can follow successfully

Know why it is important to have complete instructions

I can explain what happens if a computer is given an uncomplete instruction

Know how to order instructions correctly

I can consider the order of my instructions

Key Resources

purple mash

Paint Projects

Why are we learning this?

To be able to write clear and precise instructions

Why is this important?

It teaches us the importance of writing clearly when asking someone / something to complete a task.

Key Questions

What is an instruction?

Why do we need to debug code?