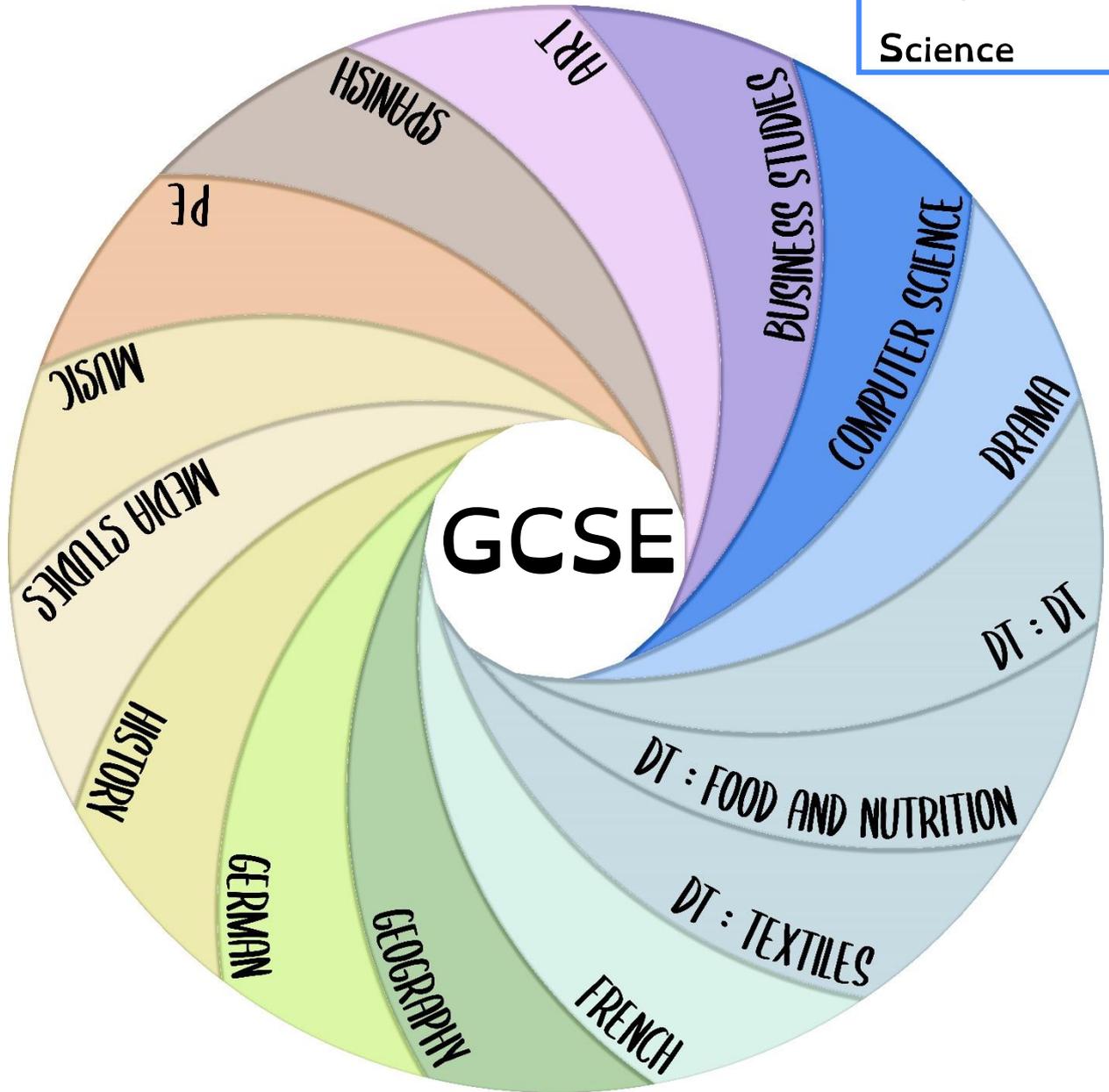


Name: _____

Tutor: _____

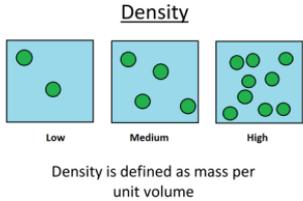
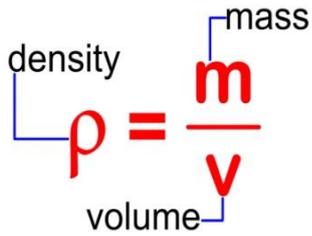
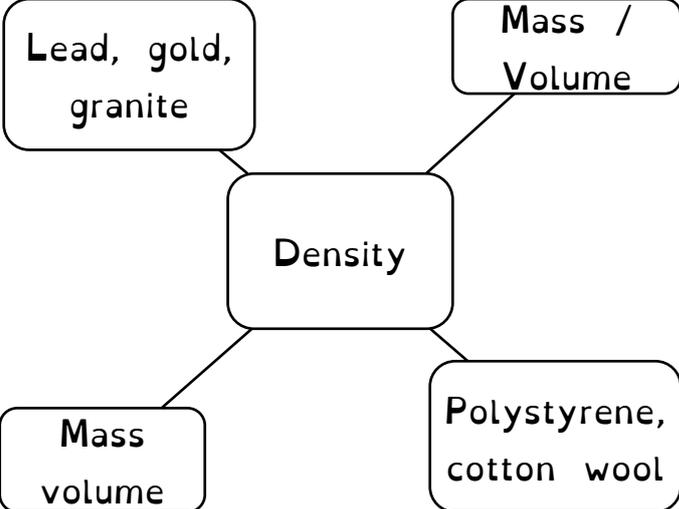
Tutor Group: _____

Computer
Science



VOCABULARY ACTIVITIES

"Density"

Define	Draw	In a sentence	Symbol
Density – the mass of matter per unit volume	 <p>Density is defined as mass per unit volume</p>	Iron has a higher density than wood.	
Antonyms	Synonyms	Etymology	Simile
Dispersion Lightness	Concentration Compactness Tightness	From the Latin word 'densus' meaning 'thick' or 'dense'	As dense as marble
Play:	Draw a Word Map	Gesture	
Ideas include: Pictionary Taboo Charades 20 questions			

COMPUTING

Keyword	Definition
Accessibility	of a computer system to all people regardless of disability or impairment
Arduino	is a platform providing a way to build and program electronic components
ASCII	is the most commonly used character set in the English-speaking world. Is a 7-bit set of codes that allows 128 different characters.
Attachment	is a file sent in an email message
Binary	base 2 number system made up of ones and zeros
Body	is a part of an email message that contains the actual message
Breadboard	is a white board with holes that allows circuits, wires, and other components to be interconnecting without soldering
Browser	is a software application used to locate, retrieve, and display content on the World Wide Web
Button	is a graphical control element that provides the user a simple way to navigate
Camera	is an input device that captures images digitally
Cc	is used in an email message and it means that whose addresses appear after Cc will receive a copy of the message
Cells	is a box in which you can copy a single piece of data
Chart	is a graphical representation of data

COMPUTING

Keyword	Definition
Cloud	storing and accessing programs and data over the internet
Communication	is the transmission of data from one computer to another
Component	is an element of a larger group. For example, the CPU and the hard drive are components of a computer
Conditional Formatting	is a feature in Excel which allows you to make changes in a cell
Data	is information processed or stored by a computer
Data Representation	is the form in which data is represented
Data Types	are attributes of data organised in different categories. For example, integer numbers
Data Validation	is used in Excel and it is an automatic check that the data entered is reasonable
Decimal	is the number 10 based system (from 0 to 9)
Denary	is the number 10 based system (from 0 to 9)
Design	the draft of a solution in a programming problem
Development	is the process of programming and testing of a problem
Digital Literacy	is the understanding of how to use web browsers, search engines, email etc. digitally
Element	is a single part of a larger group
Email	is an electronic mail. Messages are transmitted and received by digital devices

COMPUTING

Keyword	Definition
Embedded System	is a small computer as a part of a larger computer system
Excel	is a spreadsheets program included in Microsoft Office suite
File Explorer	it is used to navigate and organise the files and programs on a computer
Format Cells	is the way a cell is displayed (alignment, font, border)
Format Text	is to display text in a specific way
Formulae	make automatic calculations. e.g. adding two or more numbers together
Formulas	make automatic calculations. e.g. adding two or more numbers together
Framework	is a platform for developing software applications
Game controller	is a device used to play video games
Gaming Interface	is a communication between the game and the player
Header	is text at the top of a page
Hexadecimal	is the number 16 base system (0-15)
HTML	HyperText Markup Language
Hyperlink	is what we use to move around the web from page to page.
Image	is a visual production that shows a visual perception of an object
Input	is the data a computer receives
Input Text	is the data a computer receives

COMPUTING

Keyword	Definition
Interface	is the interaction between a digital device and a person
Internet of Things	is a system of integrated digital devices
Jumper Wire	is a conducting wire that establishes an electrical connection between two points in a circuit
LED	is a semiconductor that produces light
Macros	is a sequence of rules that specifies how a certain input will be output
Menu	is a list of options
Merge	is when we combine two or more items into a single unified set
Micro controller	is a computer system that contains an inbuilt processor and memory
Microsoft Office	is a suite of applications that it is designed to be used for office or business use
Modelling	is the writing of a computer program of a mathematical model
Monkey Jam	is an application used to create slow motion animation
Navigation	is the act of opening and moving through a computer menu
Number Base System	indicate how many digits are available within a numerical system
One Drive	is Microsoft's storage place where files can be saved in a "cloud"
Output	is data that a computer sends

COMPUTING

Keyword	Definition
Password	is a secrete series of characters, letters and symbols that allow a user to access a file, computer etc.
PowerPoint	is Microsoft's application that allows a user to create presentations
Process	when a computer performs a series of operations on a set of data
Production Plan	is a step by step design of a plan (for a program)
Resistor	is an electrical component that restricts the flow of electric current
RFID	is a basic type of wireless communication
Search Engine	is a tool that you use to search for information
Shortcuts	is a link that points to a program in a computer
Sketch	to draw/design in a piece of paper
Smart Device	is an electronic device connected to other devices
Sound	Sounds are made when objects vibrate. The vibrations enter your ear and you hear them as sound.
Spreadsheet	is a program used for calculating by putting data in rows and columns
Stop Animation	is a way of animation that brings static objects into life. It gives them motion
Storyboard	is a way to present a project by using images and sketches
Storyline	is a way to present a project by using images and sketches
Subject	is the title of an email message
Synopsis	is a brief summary of a project

COMPUTING

Keyword	Definition
Tags	are the parts that make up an element in HTML
Teams	is a Microsoft application where people can communicate, exchange documents etc.
Text	is the writing part of an email for example
To	is the receiver of an email message
Unicode	uses between 8 and 32 bits per character, so it can represent characters from languages from all around the world.
USB	is a storage device
Username	is a name that uniquely identifies a person when using a computer system
Video Games	are programs that are used for fun. To play digital games
Wix	is a site builder, where you can design your own small website
Word	is Microsoft's application that allows users to write documents
Workbook	is a collection of one or more spreadsheets in excel
Worksheet	is a collection of one or more spreadsheets in excel
Wrap Text	is a feature that allow all information in a cell

