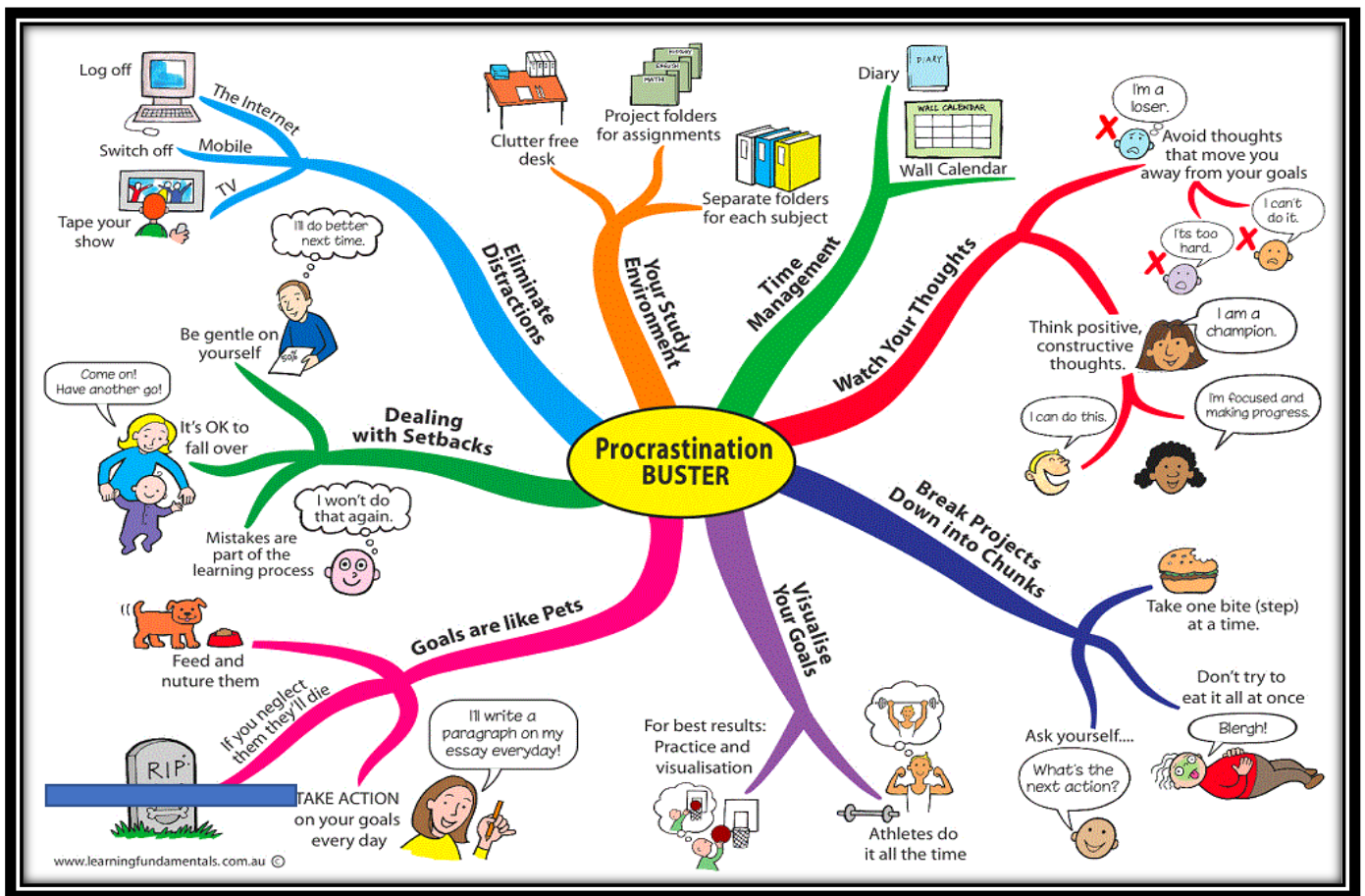


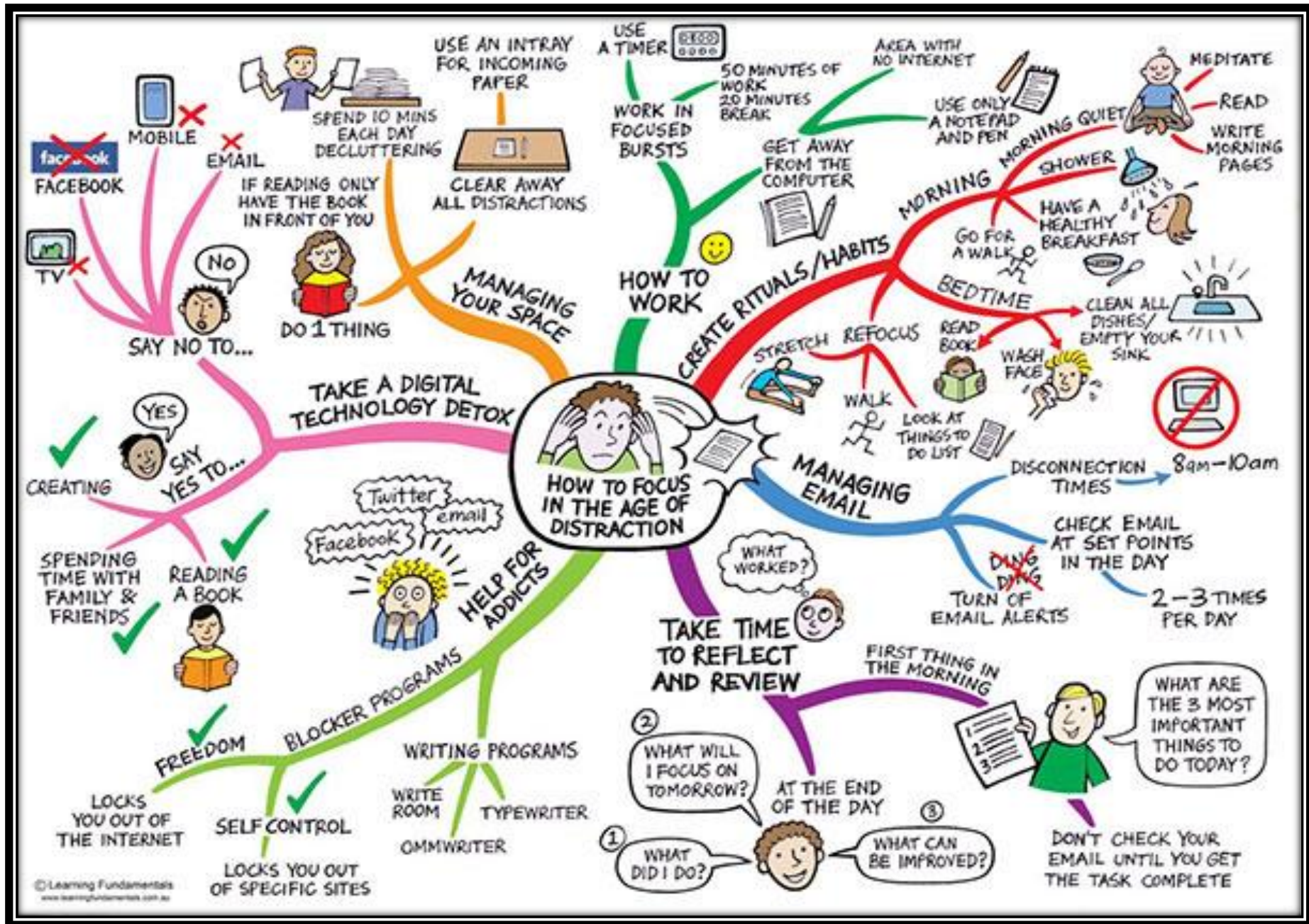


**PORT GLASGOW
HIGH SCHOOL**
SUCCESS FOR ALL

Mind Map Examples



General Organisation



HOW TO MIND MAP

COMPUTER VERSUS HAND DRAWN

COMPUTER DOWNSIDES

- Why can't I add a branch?
- MAY RESTRICT YOU
- SLOWS DOWN THE CREATIVE PROCESS

PAPER BENEFITS

- EASIER TO FOLLOW AND ALLOWS MORE FREEDOM
- A4 OR A3

CENTRAL IMAGE

FIRST IMAGE THAT JUMPS TO MIND

- SIMPLE
- COLOURFUL
- FUN

USE COLOUR

EQUIPMENT

- PENCILS
- HIGHLIGHTERS
- FINE-TIP TEXTAS
- THICK TIPS

WHY?

- SEPARATES OUT THE IDEAS
- HIGHLIGHT SIMILAR IDEAS
- MORE INTERESTING
- FUN

CURVE YOUR BRANCHES

WHY?

- STRAIGHT LINES ARE BORING
- MORE INTERESTING FOR YOUR BRAIN

THICK LINES TO THIN LINES

DRAW PICTURES

EXAGGERATED CRAZY IMAGES WORK BEST

1000 WORDS

WE THINK IN PICTURES (NOT WORDS)

Don't think of a monkey

DOESN'T NEED TO BE A WORK OF ART

AVOID

LINED PAPER

- SMALL SHEETS
- A5

USE

- TURN THE SHEET LANDSCAPE ORIENTATION

Administration



Targets can be used as a motivational tool for employees. These give them something to work towards and an end goal.

An action plan could be used to meet targets and plan ahead. These are usually used for large scale projects or long term targets.

SMART TARGETS

A Gantt chart could be used to meet targets. This is a table of things to do in which tasks can be colour coded. These are very detailed and tell a lot of information about the meeting or event.

Targets can be set and tracked for an employee using an appraisal meeting with their line manager.

Targets may not be met due to 'time stealers' such as technical difficulties, unnecessary trips and chatting with colleagues.



Art & Design

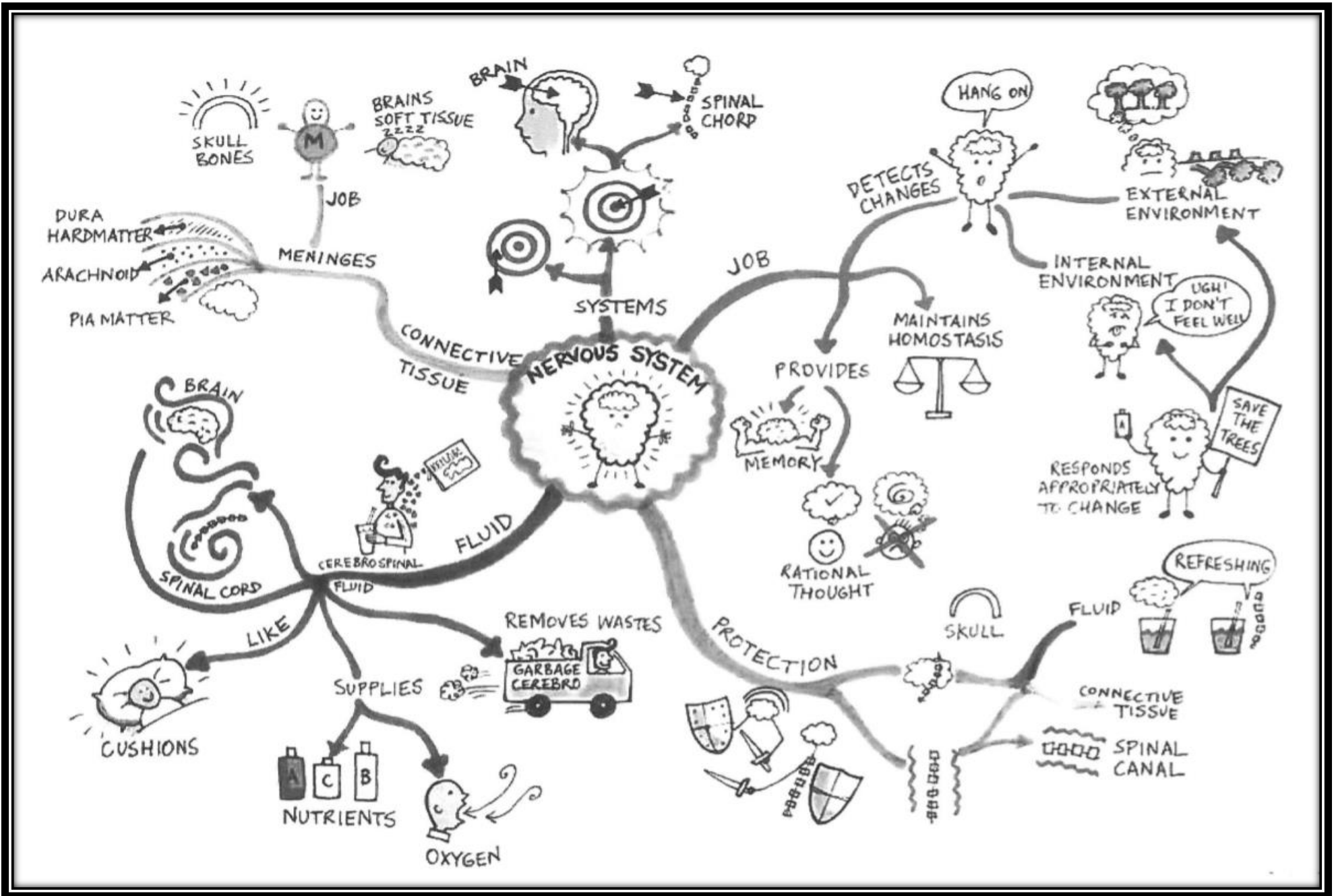
This could be adapted easily from Design (Product Design) to any Design Area, Jewellery, Architecture or Fashion for example. It could also be adapted for use with Expressive Art Studies, but pupils would need to change the 'Visual Elements' and 'Important Aspects' as they are different for that other part of the Written Paper.

<u>Design Evaluation/Analysis -</u>		<u>Design Evaluation/Analysis -</u>	
Function -	Colour/Materials -	Function -	Colour/Materials -
Theme/Visual Source -	Technology/Processes -	Theme/Visual Source -	Technology/Process -
Shape/Form -	Target Audience -	Shape/Form -	Target Audience -
Line/Pattern -	Opinion (Personal) -	Line/Pattern -	Opinion (Personal) -
Design Details -	Movement -	LIGHTING (Product Design)	Movement -
<u>Social Influences -</u> Cultural - Political -	Name - Background/Biography	Consumer Needs -	Name - Background/Biography -
	<u>Cultural Impact/Influence -</u>	Significance -	<u>Cultural Impact/Influence -</u>
		Other Works -	
			Social Influences - Cultural - Political -

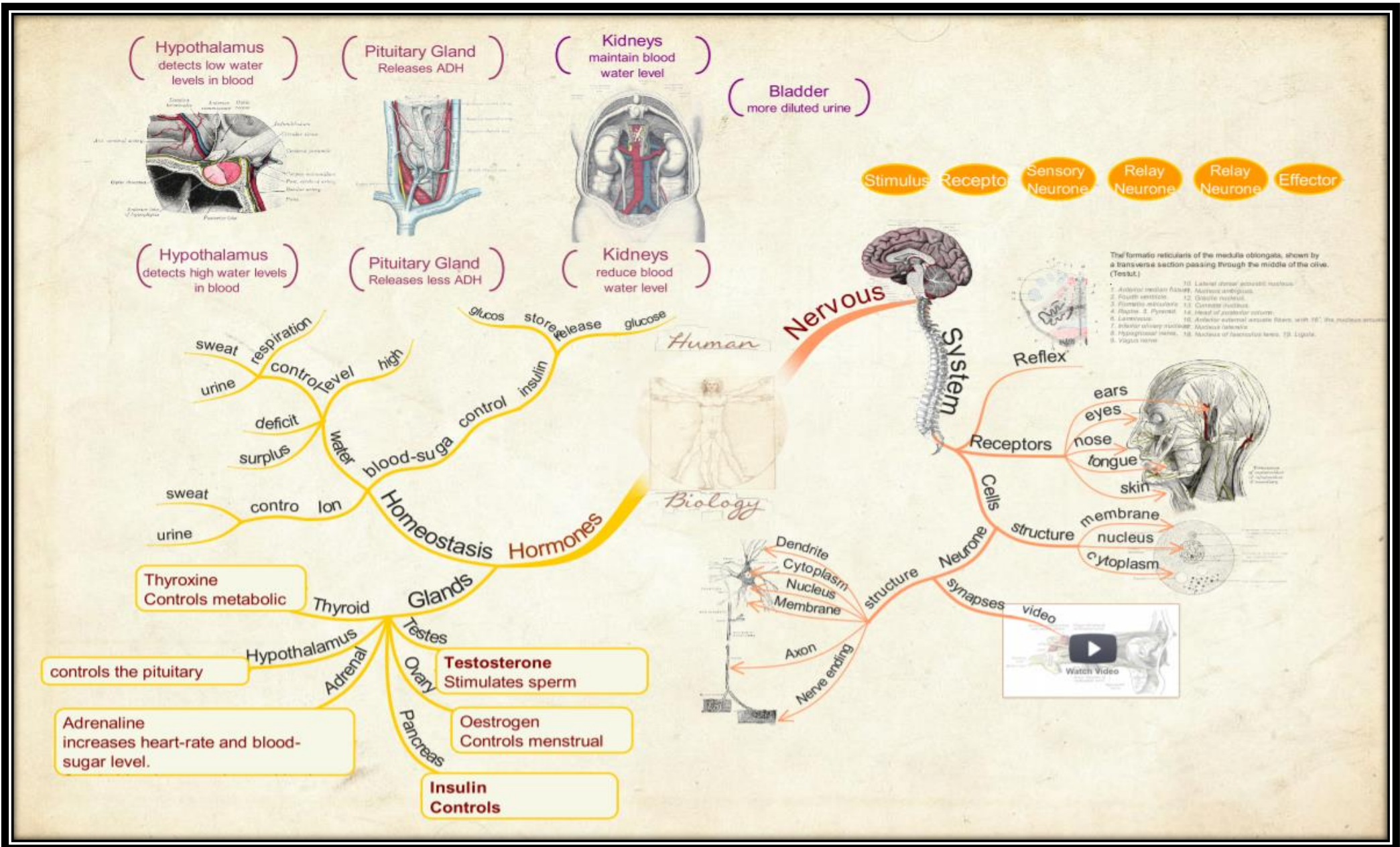
Art & Design



Biology



Higher Human Biology



Business Management

Types of Businesses

MULTINATIONALS

advantages

- > wages & raw materials costs are lower in host countries
- > can avoid legislation in the home country
- > grants can be issued by governments to locate in their country

disadvantages

- > language barriers can slow down communication
- > cultural differences can affect production
- > exchange rates can affect purchasing & paying expenses in different countries.

PLC = private limited company

advantages

- > limited liability
- > ownership is not lost
- > expertise is gained from an experienced board of directors.

disadvantages

- > profits have to be split = dividends
- > limited source of capital is available as shares are not sold publicly.
- > complicated legal process is required to set up the company.

PLC = public limited company

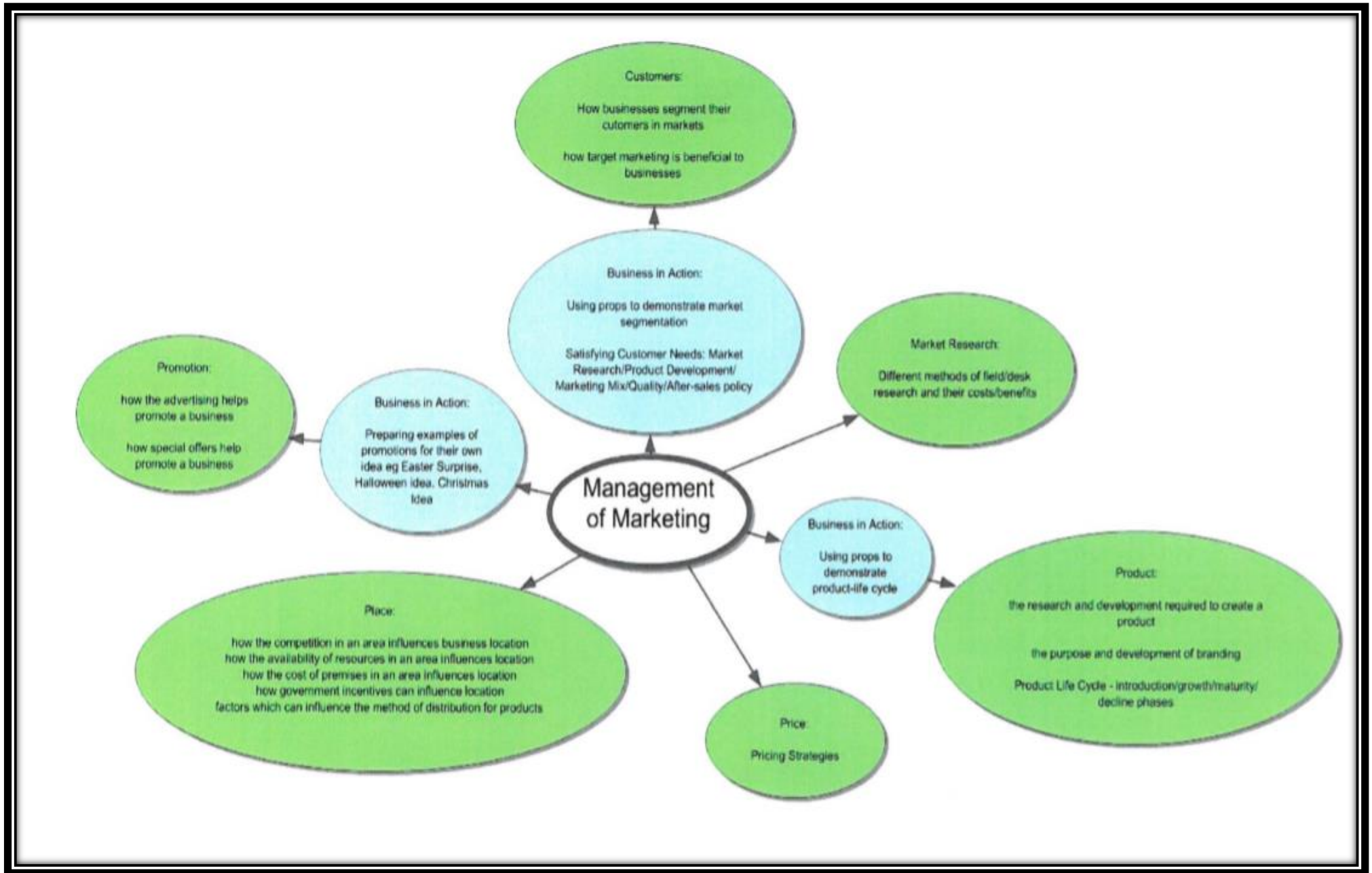
advantages

- > Shareholders have limited liability
- > can easily dominate the market
- > large amounts of finance can be raised

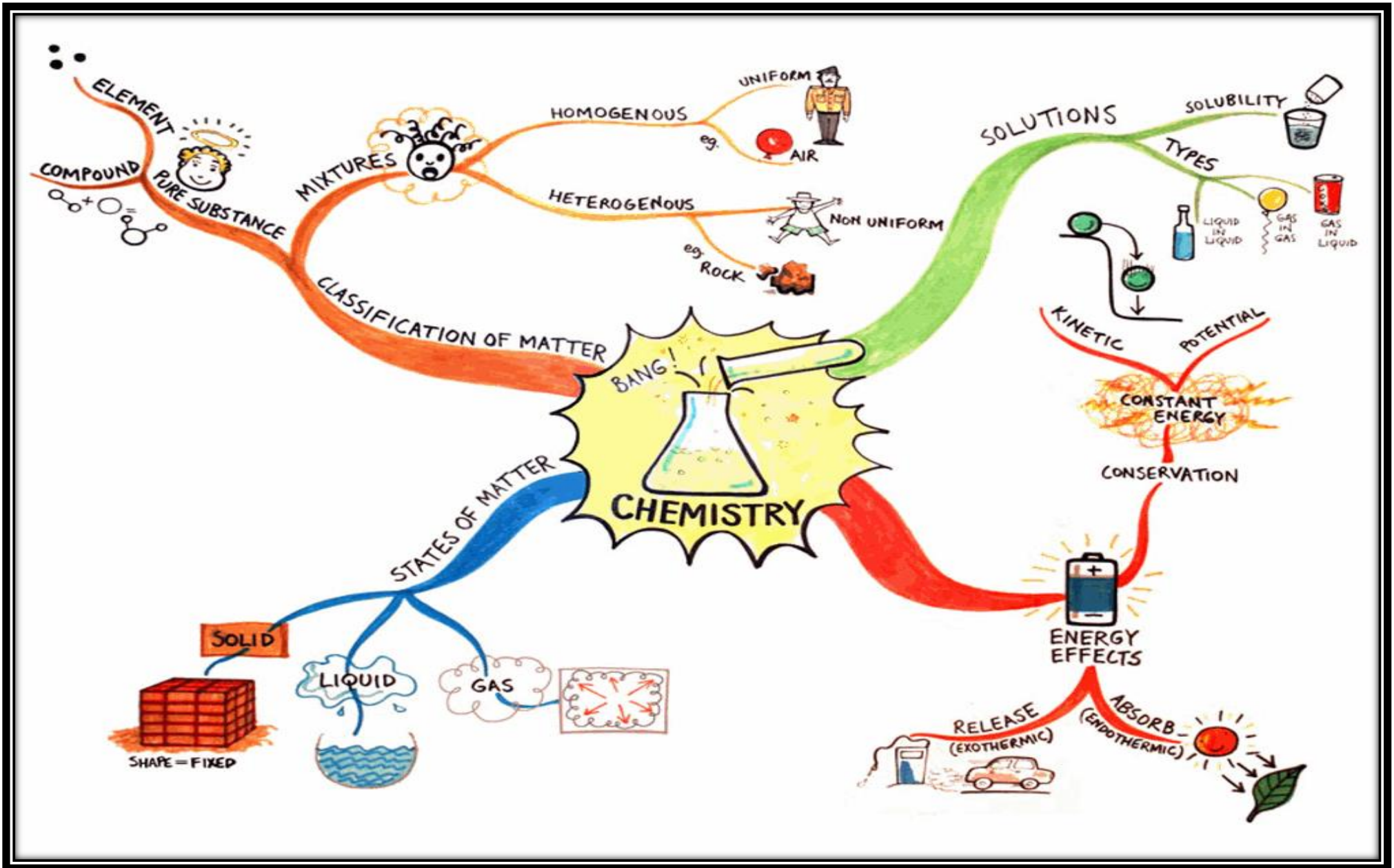
disadvantages

- > costly to set up
- > annual accounts have to be published
- > dividends are shared with many shareholders.

Business Management



Chemistry



Drama

FLUENCY

SPEECH FLOWING
EFFORTLESSLY AND
SMOOTHLY

PACE

THE SPEED OF
SPEECH

INTONATION

THE RISE AND FALL OF
THE VOICE WHEN
SPEAKING

VOICE



EMPHASIS

STRESS GIVEN TO
A WORD OR PHRASE
TO DEMONSTRATE
IMPORTANCE

ARTICULATION

FORMING CLEAR &
DISTANT SOUNDS (NOT
RUNNING WORDS
TOGETHER)

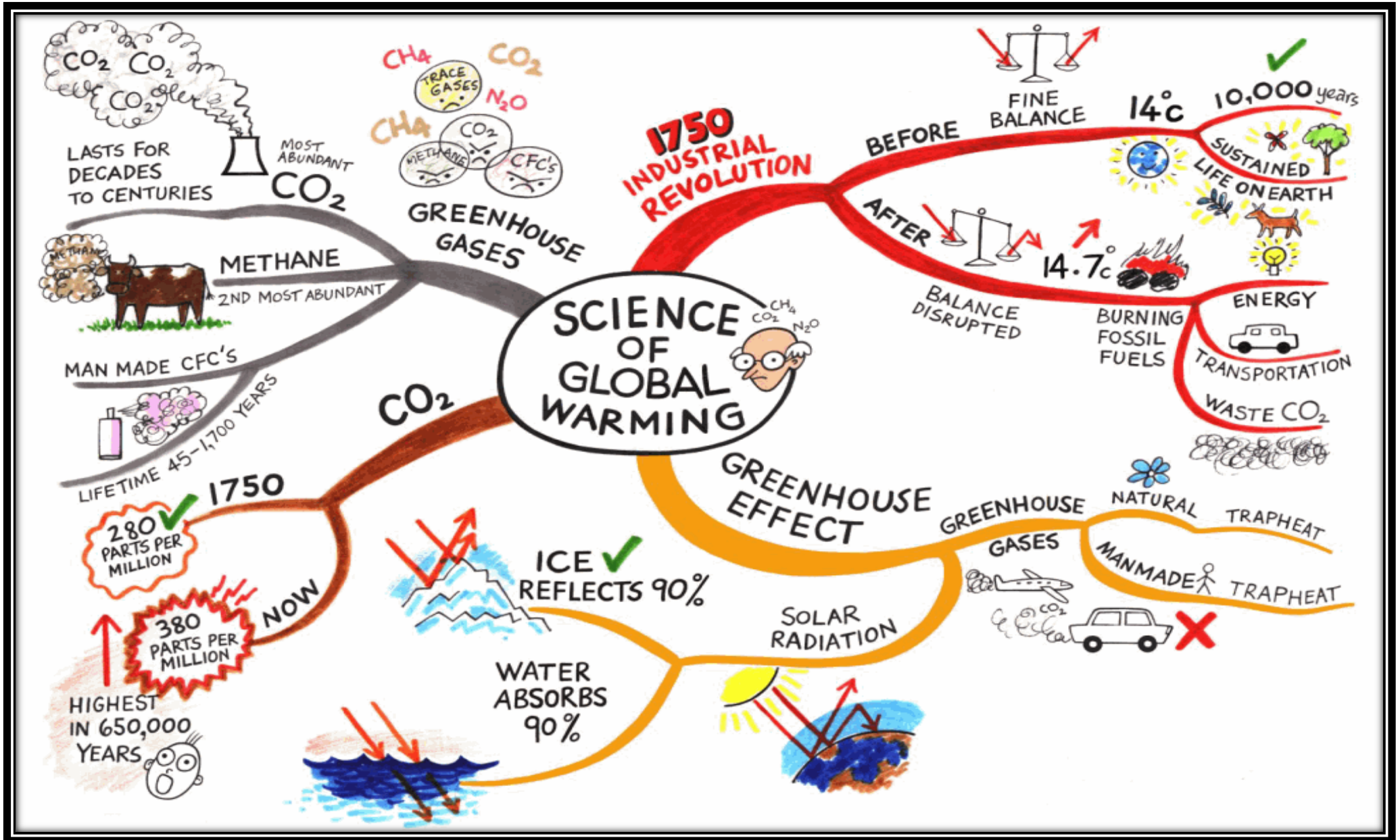
CLARITY

WORDS ARE CLEAR
& CAN BE
UNDERSTOOD

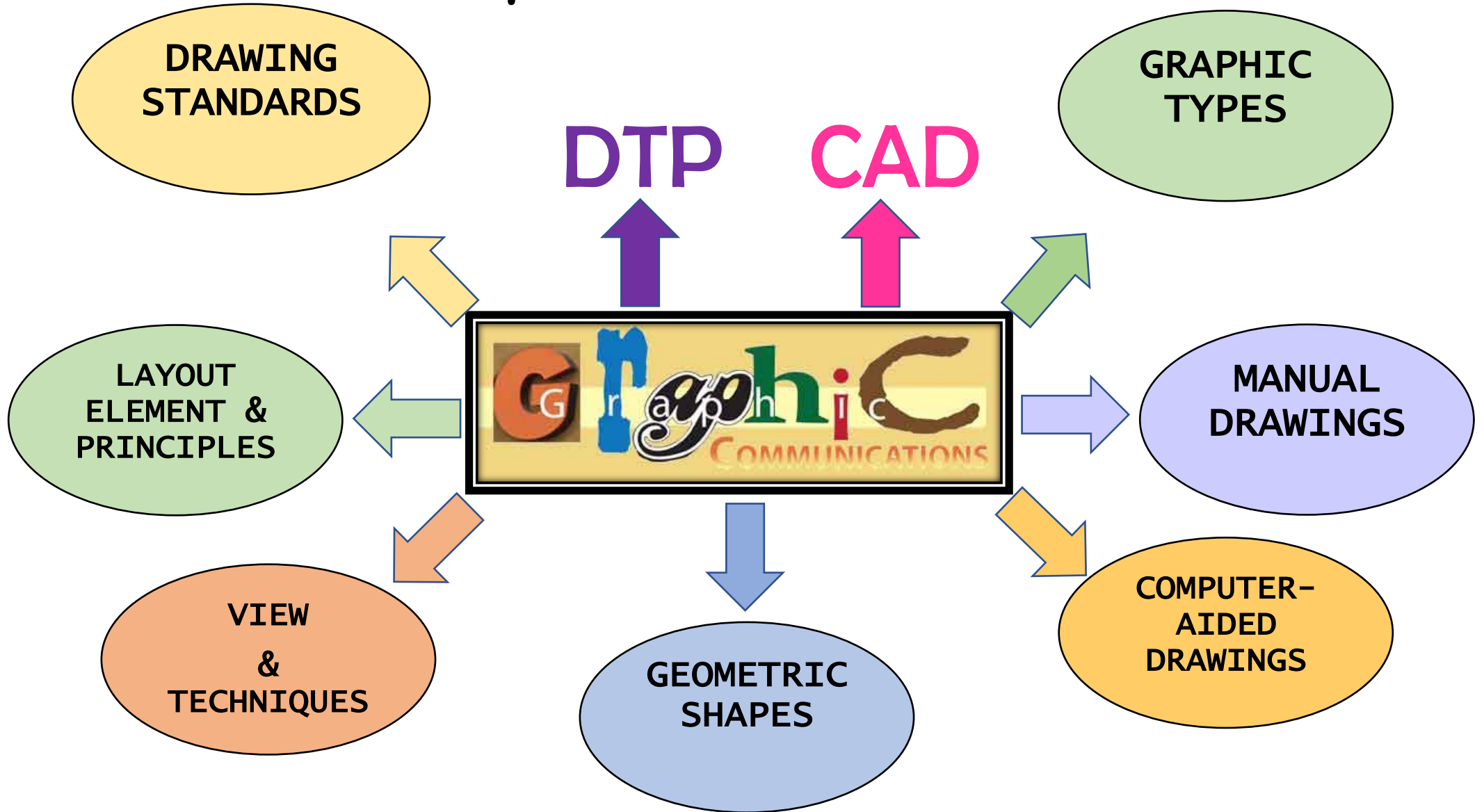
ACCENT

A PARTICULAR WAY OF
PRONOUNCING WORDS THAT IS
RELATED TO A PLACE OR AREA

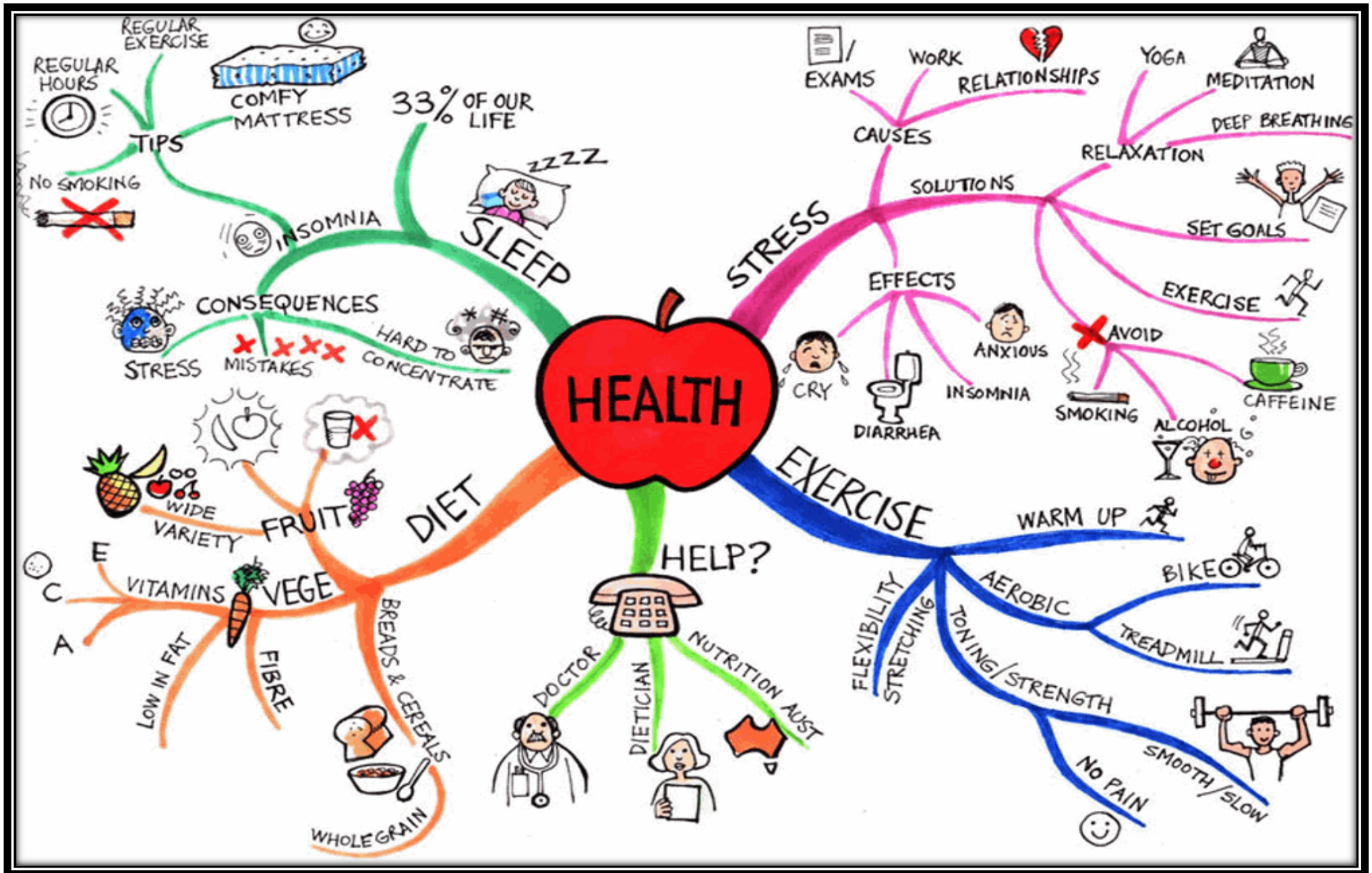
Geography



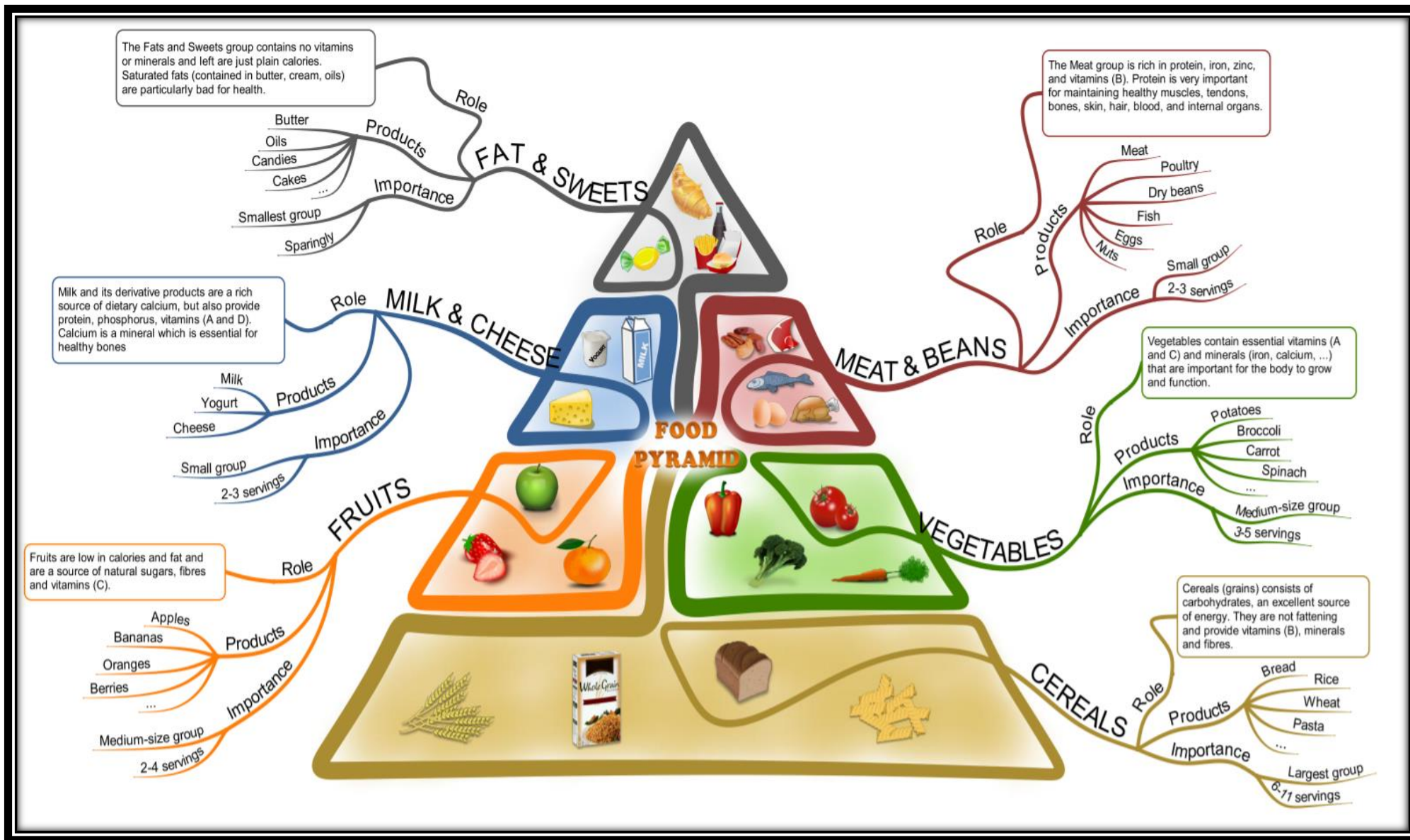
Graphic Communication



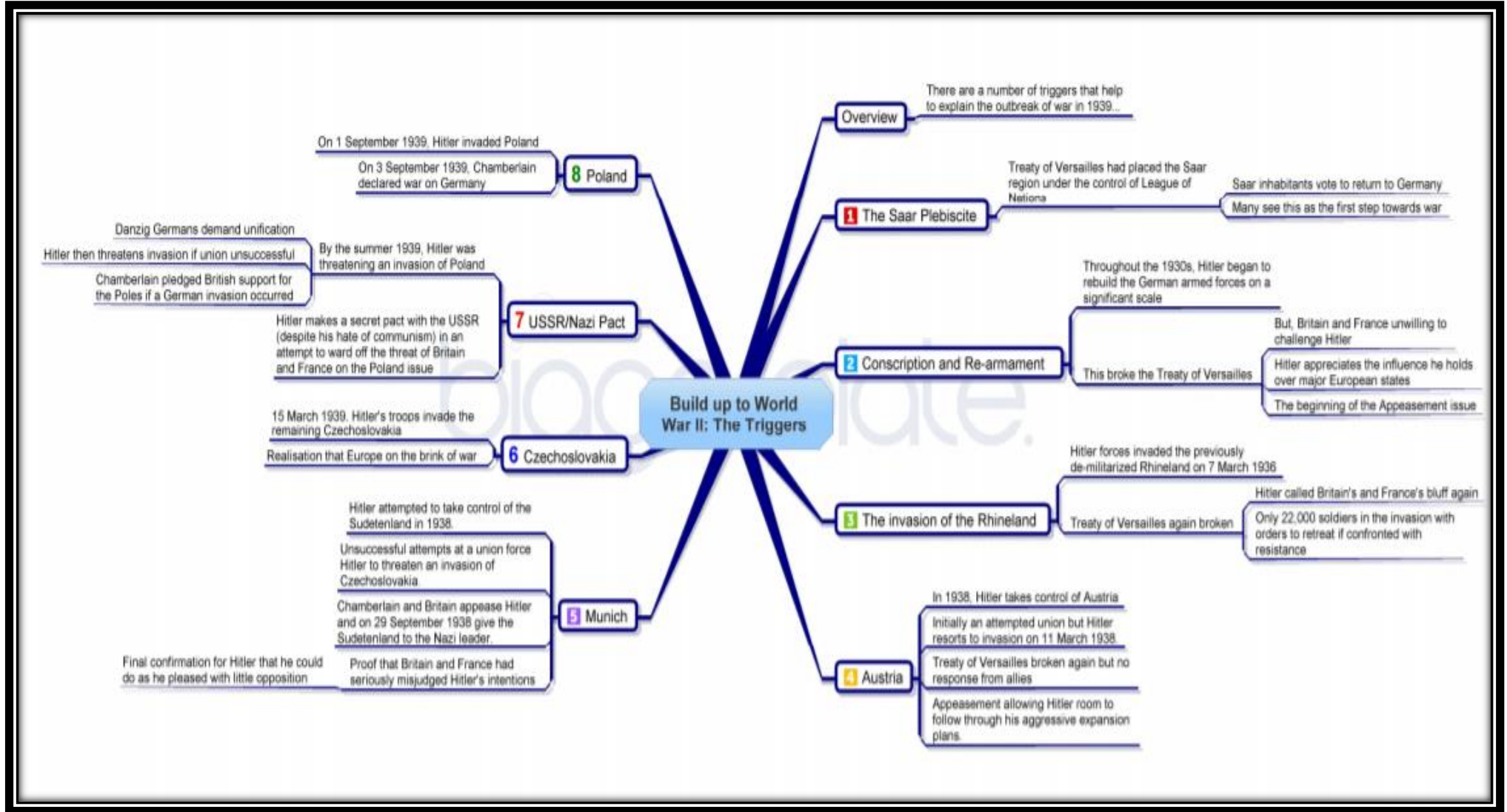
Health



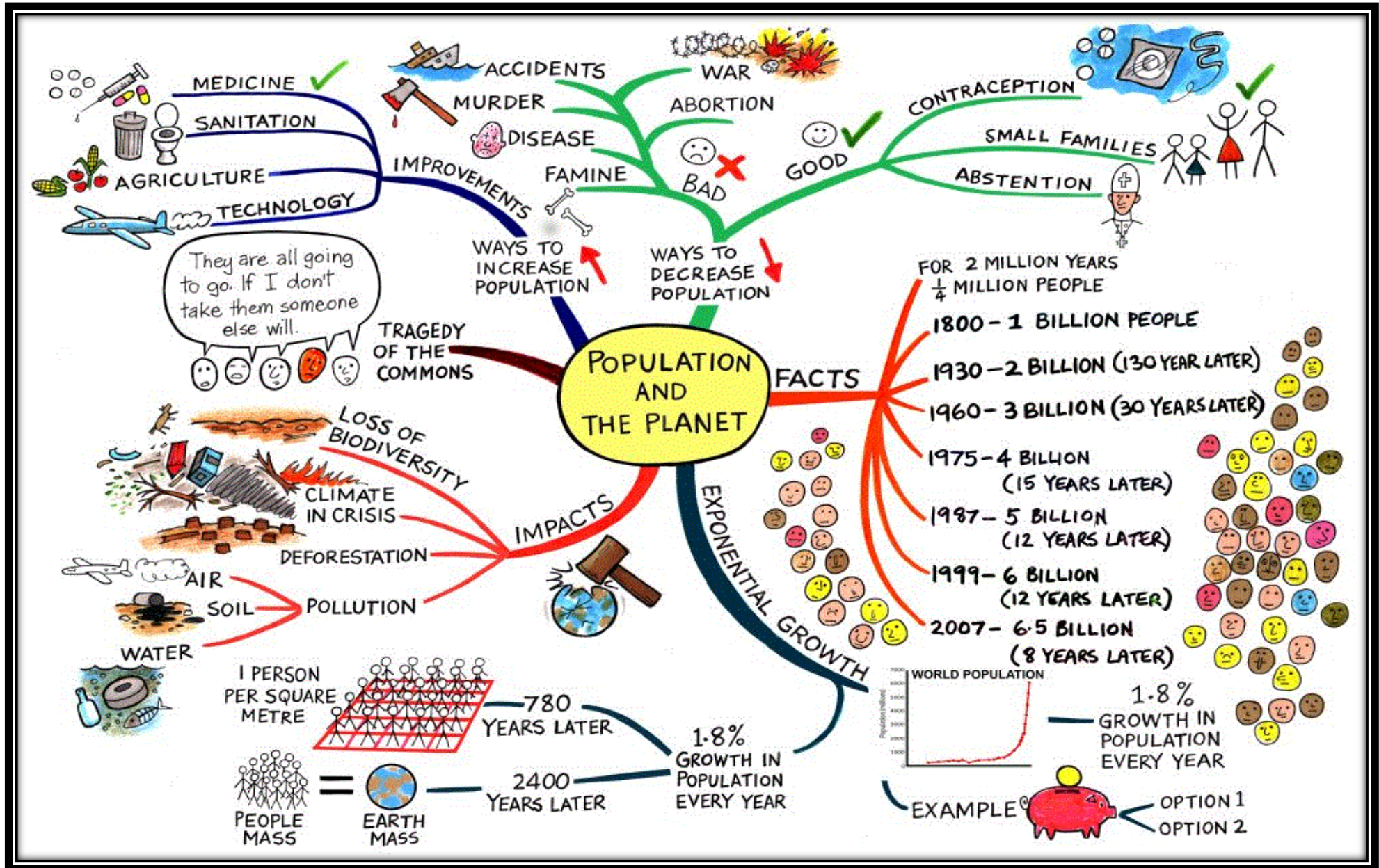
Health & Food



History



Humanities



Maths

e.g. 17.5% of 300

$$\begin{aligned} 10\% &\Rightarrow 300 \div 10 = \text{£}30 \\ 5\% &\Rightarrow 30 \div 2 = \text{£}15 \\ 2.5\% &\Rightarrow 15 \div 2 = \text{£}7.50 \\ \hline 17.5\% & \qquad \qquad \text{£}52.50 \end{aligned}$$

Without a calculator

A top has 20% discount and is now £38.40. What was the price before the discount?

$$\begin{aligned} 80\% &= 38.40 \\ \frac{100}{80} \times 38.4 &= \frac{5}{4} \times 38.4 = \text{£}48 \end{aligned}$$

Reverse percentages

Percentage out of 100

- 10% $\Rightarrow \div 10$
- 5% \Rightarrow half of 10%
- 1% $\Rightarrow \div 100$
- 0.5% \Rightarrow half of 1%
- 2% \Rightarrow twice 1%
- 3% \Rightarrow 3 times 1%
- 25% \Rightarrow half & half again
- 50% \Rightarrow half

Finding Percentages

% profit or loss

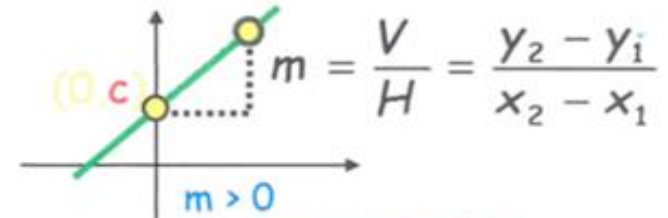
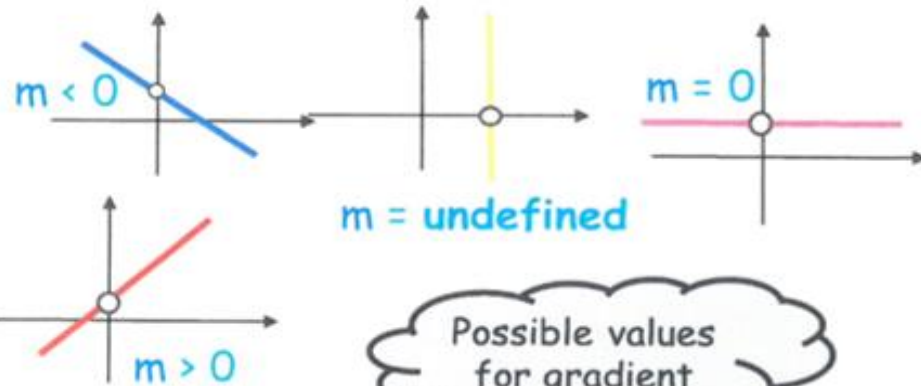
With a calculator

$$\begin{aligned} \text{e.g. } 19\% \text{ of } \text{£}60 \\ \frac{19}{100} \times 60 = \\ 0.19 \times 60 = \text{£}11.40 \end{aligned}$$

I buy a CD for £4 and sell it for £7.
What is the percentage profit?

$$\begin{aligned} \text{Profit made } \text{£}3 \quad \frac{3}{4} \times 100 = 75\% \end{aligned}$$

Maths



Possible values for gradient

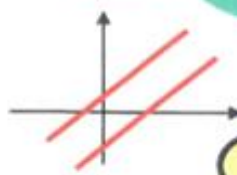
Graph of $y = mx + c$

Note:
 $2y + 4x = 8$
 rearrange into correct form
 $y = -2x + 4$ to read the gradient and y-intercept

Straight Line
 $y = mx + c$
 $y - b = m(x - a)$

Two points needed (x, y) and (x, y) to calculate gradient

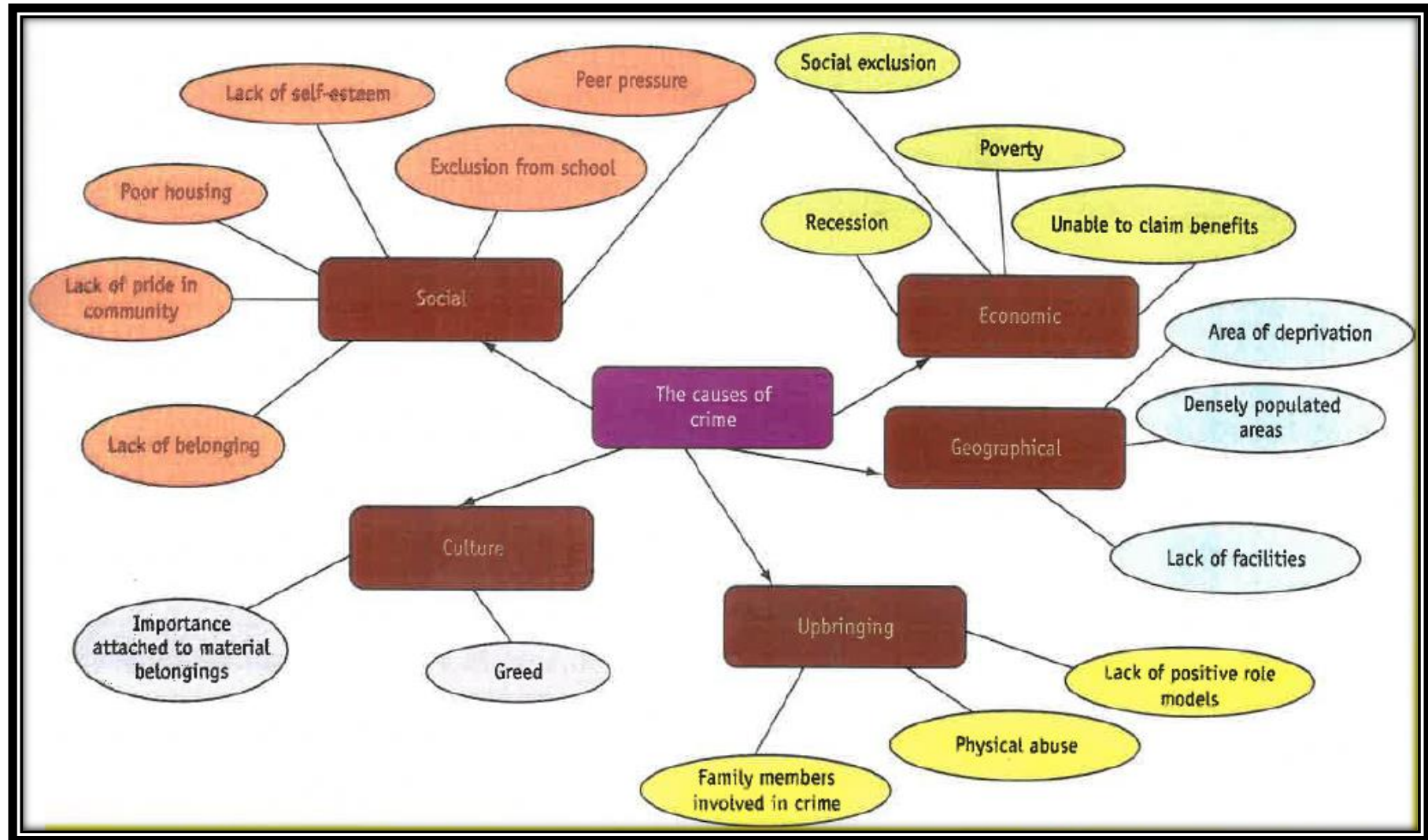
(a, b) is any point on the line



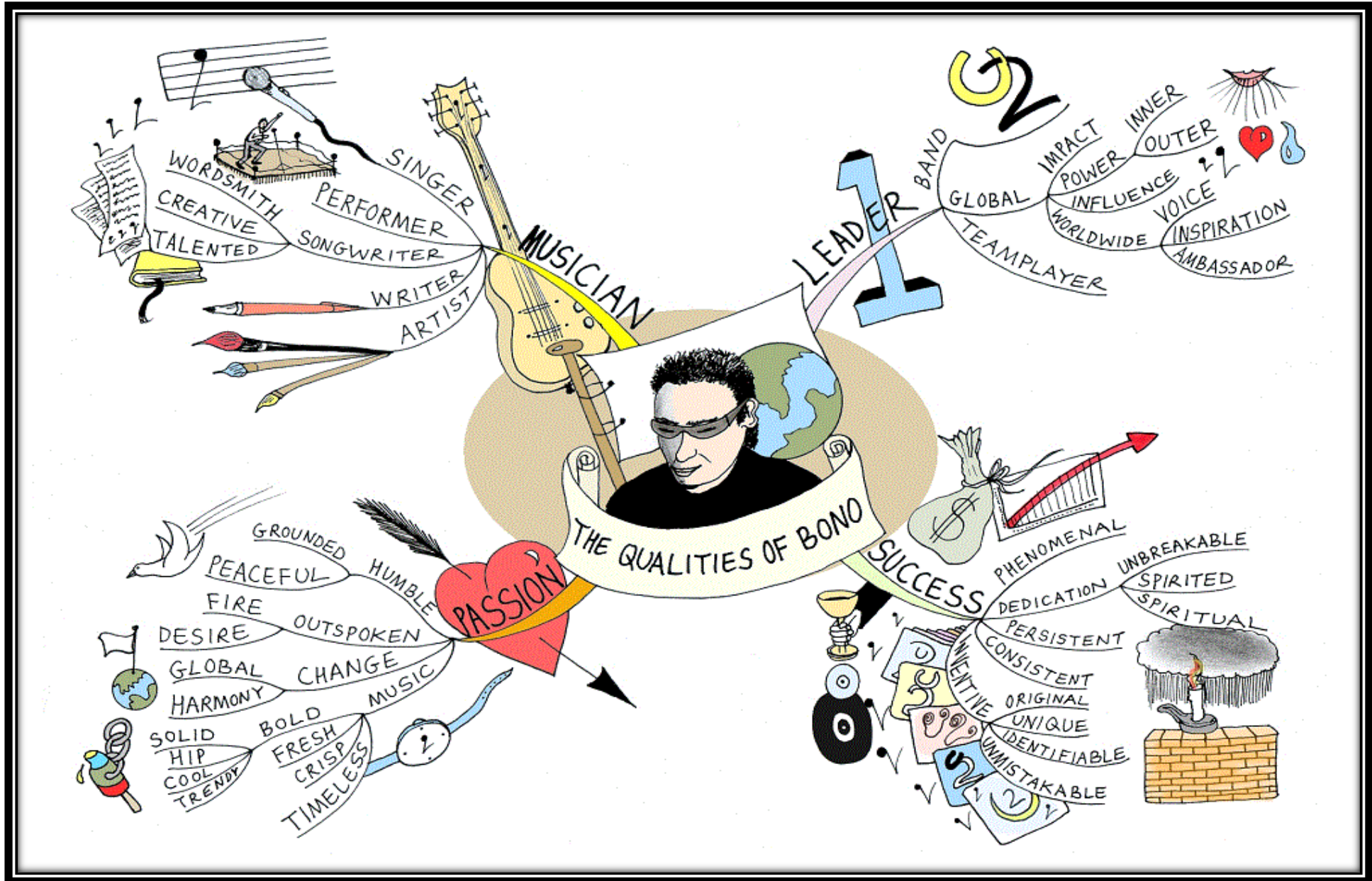
Parallel lines have same gradient

$m = \text{gradient } m = \frac{V}{H} = \frac{y_2 - y_1}{x_2 - x_1}$
 $c = y \text{ intercept } (0, c)$

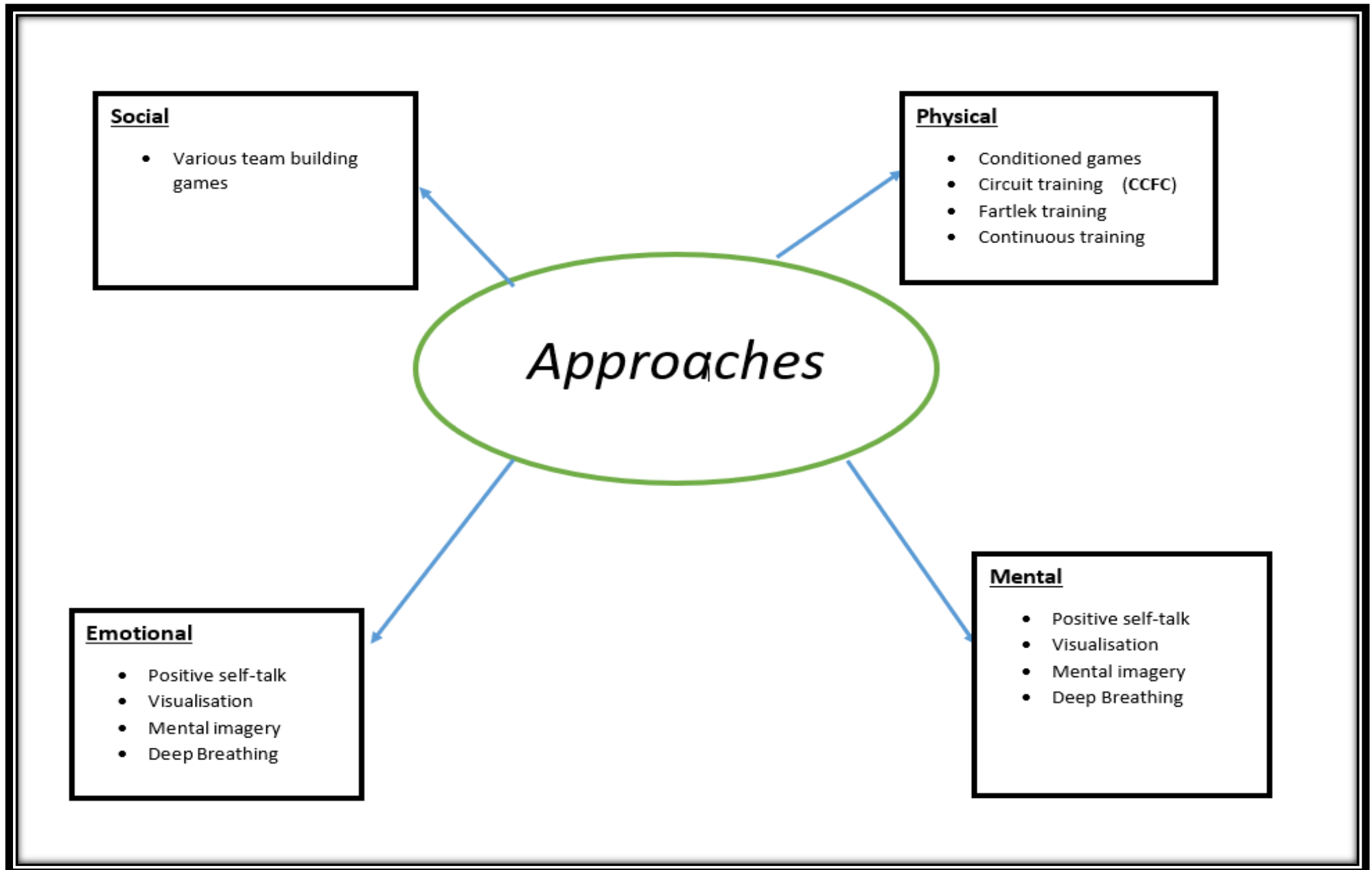
Modern Studies



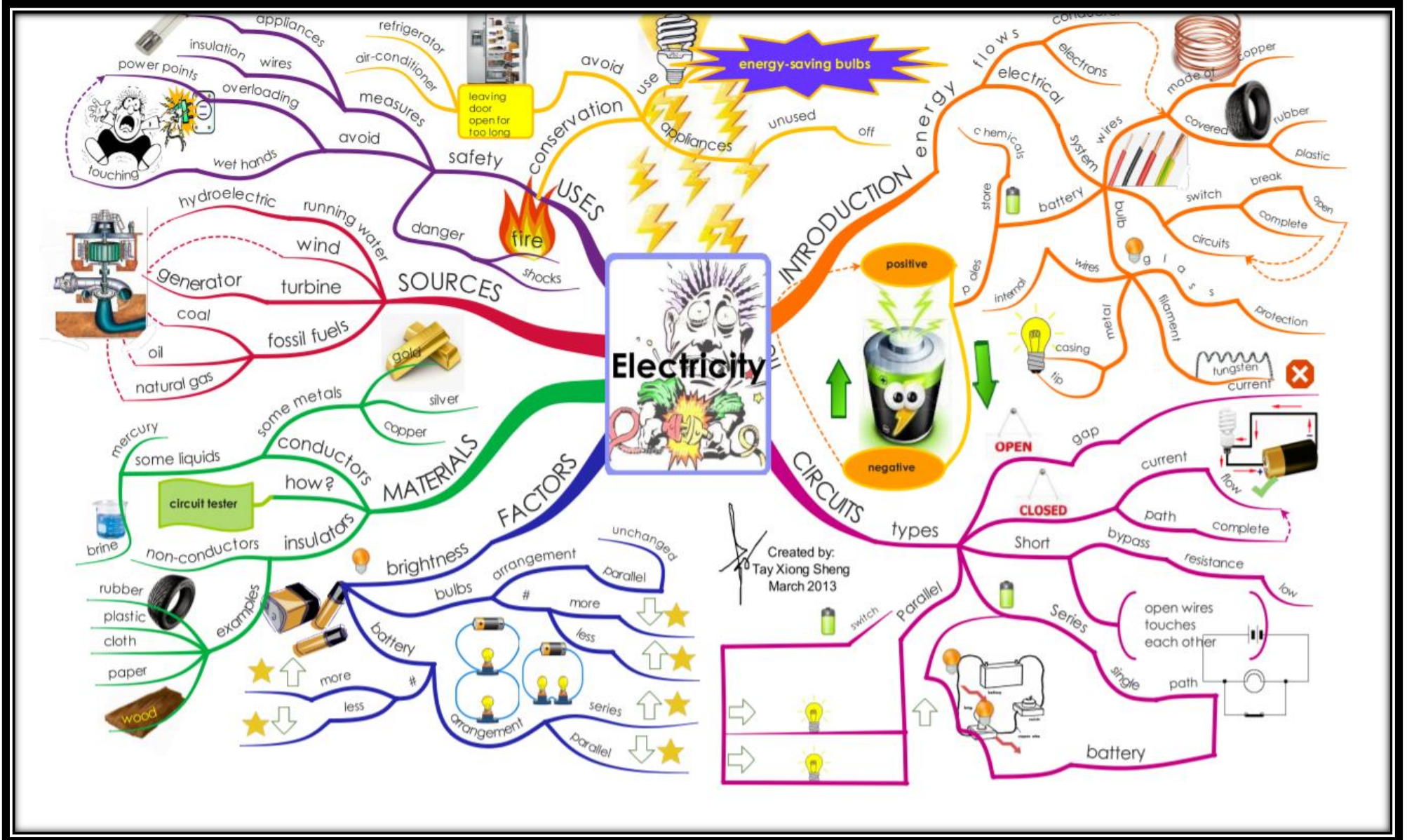
Music



PE



Physics



Created by:
Tay Xiong Sheng
March 2013

Practical Woodwork



SAFE WORKING PRACTICES

MEASURING & MARKING OUT



SUSTAINABILITY & RECYCLING



SURFACE PREPARATION & FINISHING

SAFE USE OF MACHINES & POWER TOOLS

MECHANICAL FIXINGS & ADHESIVES

CARCASE CONSTRUCTION

FLAT FRAME JOINTING TECHNIQUES

READING & INTERPRETING DRAWINGS & DOCUMENTS

MATERIALS

BENCHWORK

CRAMPING



Mini Mind Maps

