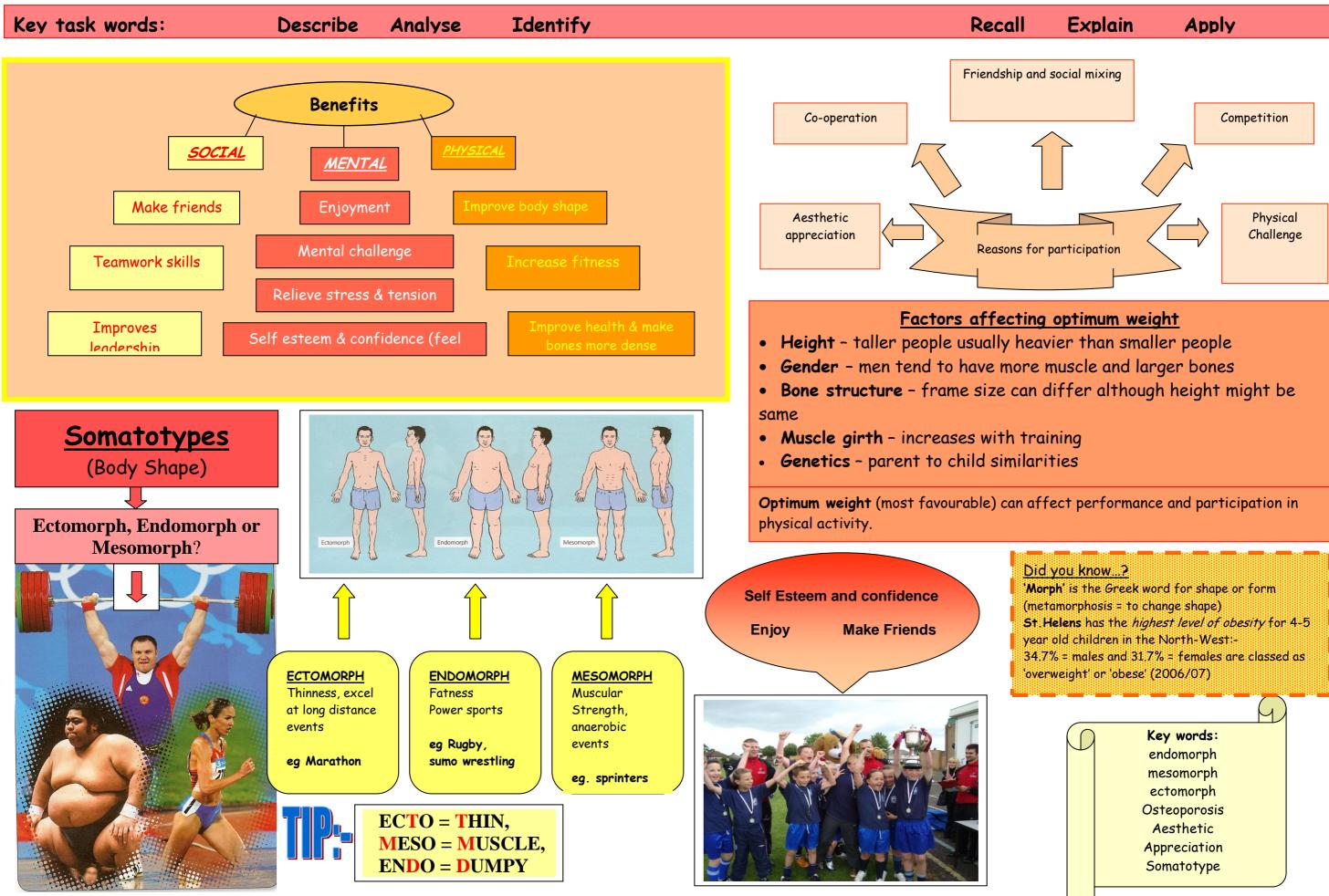
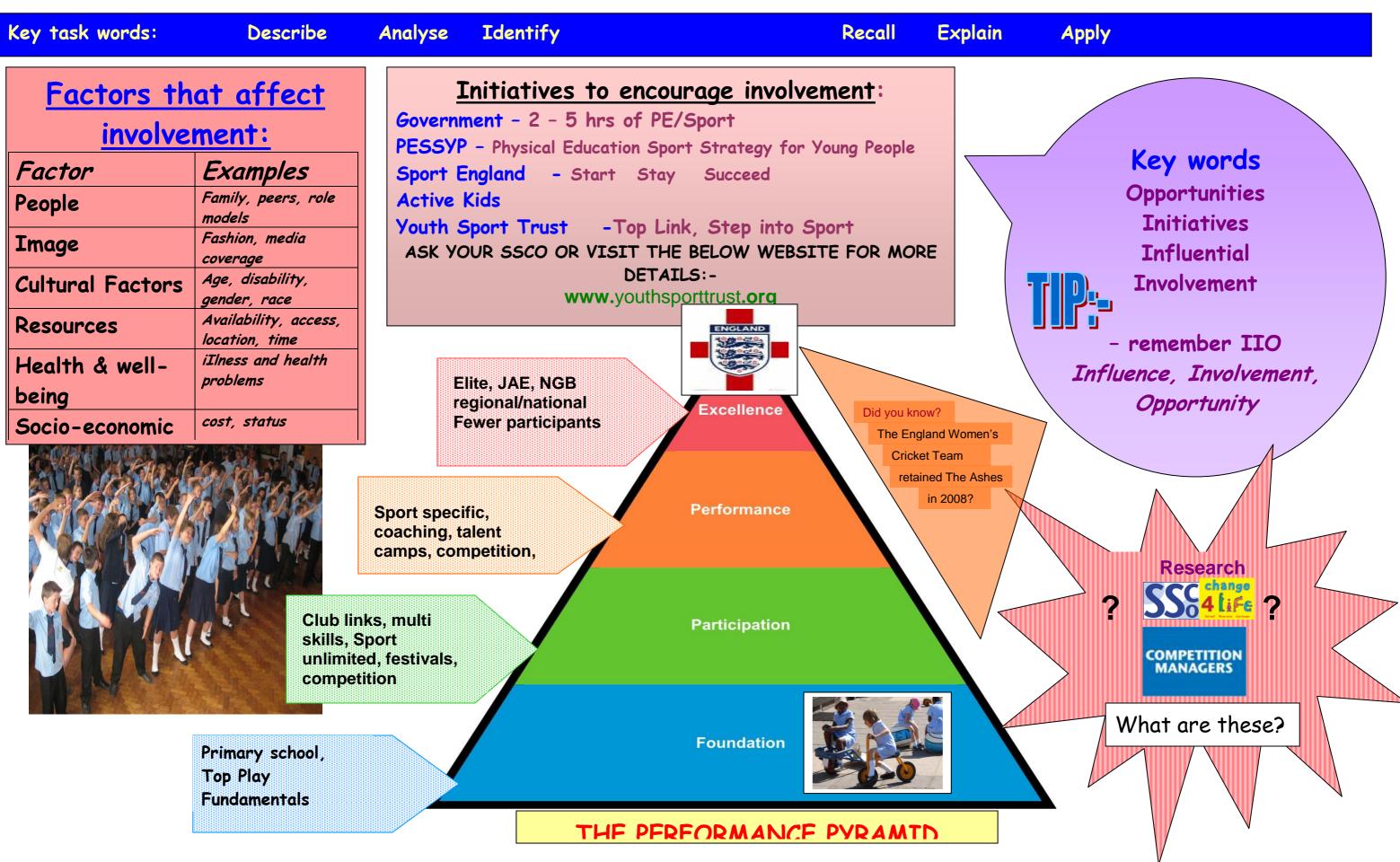
Healthy Active Lifestyles - Benefits







Healthy Active Lifestyles - Influences







Factors affecting performance

Key task words:

Describe Analyse

are possible without

Identify

Recall Explain

Apply

Effects of performance enhancing drugs							
All drugs have side effects.							
<u>TYPE</u>	EFFECT						
Anabolic	Mimic male sex hormone -						
steroids	testosterone. Promote bone and muscle growth						
Beta blockers	Control heart rate, have a calming and relaxing effect						
Diuretics	Elevate rate of urine production						
Narcotic Analgesics	Used to reduce pain						
Stimulants	Increase physical and mental alertness						
Peptide hormones	Cause other hormones to be produced						



Andre Agassi has been one of the most charismatic players in the history of tennis, enthralling fans with the quality of his play but Andre Agassi has admitted using crystal meth.



Your heart; Alcohol can cause high

blood pressure, which can lead to problems including heart disease and strokes. When you binge drink you can cause abnormal heart rhvthms and regular heavy drinking can lead to a condition that causes your heart to **Recreational drugs** become enlarged Caffeine nicotine alcohol Socially unacceptable drugs cannabis, ecstasy Heroin, LSD, Socially acceptable drugs Paracetemol, aspirin Anorexic Obese Underweight Go to:-**Over fat** www.talktofrank.com **Overweight** Usain Bolt thinks it will take time for people to believe that his worldrecord performances Research

- What are the long term affects of drug taking?
- What are the side affects of anabolic • steroids?
- Name a sport in which a performer may be tempted to use beta blockers?

	7



Which drug could the above sports be linked with?

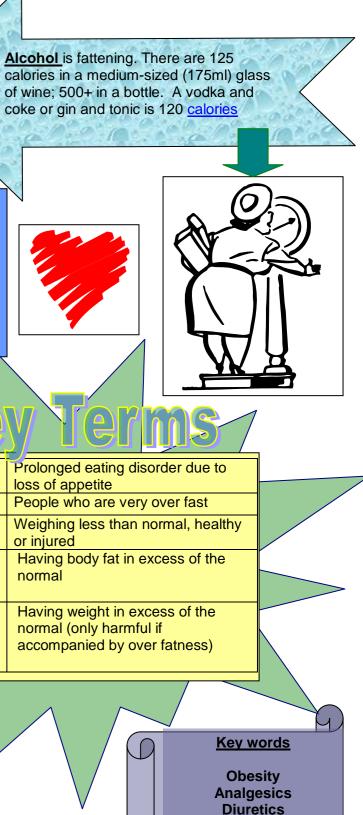
Did you know ...

• Dwain Chambers (sprinter) had a 2 year ban imposed for using performance enhancing drugs.



• Marion Jones - (US Olympic sprint champion) had to return all her Olympic gold medals.





Stimulants

Doping

Anorexic

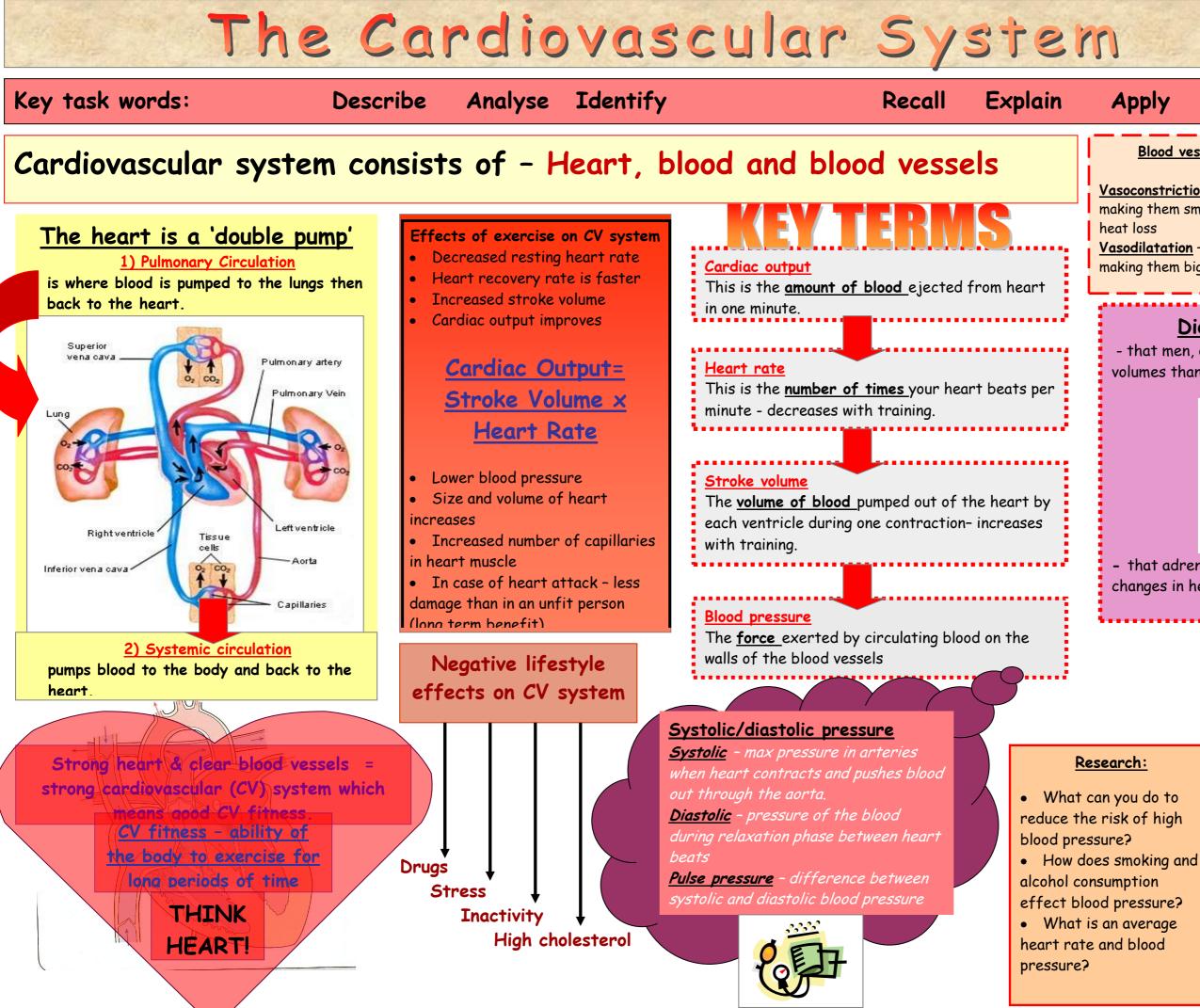
Overweight

Methods of Training



Skin callipers







Apply

Blood vessels help to control your body temperature

Vasoconstriction - blood vessels under skin contract making them smaller to reduce blood flow to prevent heat loss

Vasodilatation - blood vessels under the skin expand making them bigger to increase heat loss.

Did you know

- that men, on average, have higher stroke volumes than women.



 that adrenaline is the main cause of changes in heart rate

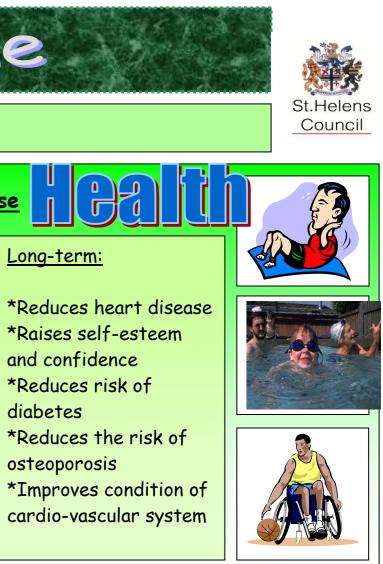
Key words: Circulation Cholesterol capillaries, (de)oxygenated blood diabetes cardiovascular



Key task words:		Describe	Analyse	Identify	Recall	Explain	Apply	
Fuit and regetables	eans on dairy	It shows how ad group. Bread, rice, potatoes, pasta are other stardy food Wilk and dairy foods	PODD STANDARDS od.gov.uk	A balanced die eating a diet matches your a needs (e.g. a marathor needs mor carbohydrates weight lift	that energy runner re than a er)	<u>Short-term</u> *Increases *Improves f *Contributes performance	well-being itness levels s to a better e concentration s to social well-being nagement	rcise
Protein Fibre Water =	gy (slow release) e.g. fried => growth and repair e.g. => digestion e.g. cereal, ve > keeps the body hydrated als => nutrients that regula	meat, fish getables d e.g. drinks		you know		muscle in human b tissue, our body a same height and s	ss, body composition bodies. Because mu composition, as we same body weight crent body compos	uscular Il as ou may loc
Athlete's A parasition foot person to	c fungus that can be passe person caught in moist env showers, locker rooms. It	vironments		And the second s		between 13 and 1 percent fat. Leve	titute of Health re 7 percent fat. A h Is significantly abo individuals, and mo levels.	nealthy ove the
split skin iVeruccasInfection surfaces. without aPerspirationThe body can cause	n a toe web space typically occurs on moist w The virus can survive many host, making it highly cont excretes sweat after exer body odour. The function o on is to cool the body down	valking v months ragious rcise that of	per	e U.S have the highest capita calorie intake c n Ireland 3690 then F	of 3770 ;			drug, o stimul z)hydro

clean, clothing helps to control sweat

Ch ? /

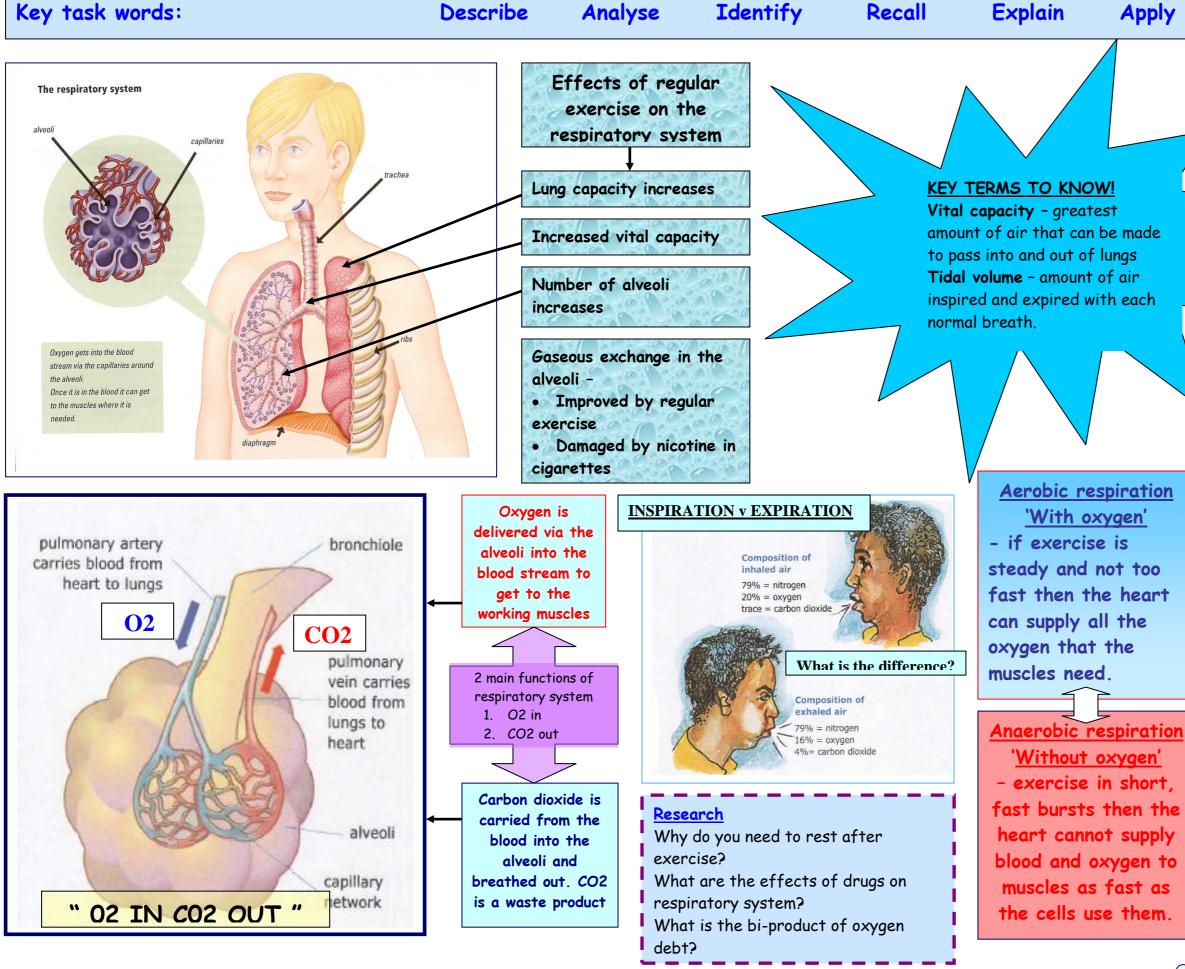


used to describe the percentages of fat, bone and ar tissue takes up less space in our body than fat our weight, determines leanness. Two people at the look completely different from each other because .

mends that a healthy adult male's body should have ny female's body should be composed of 20 and 25 hese amounts may indicate excess body fat. huscular individuals will have a body fat percentage

Key words: osteoporosis, hygiene, ulant, diuretic, protein dration, calories, nutrition







Oxygen debt - amount of O2 consumed during recovery above that which would have normally been consumed in the same time at rest(results in shortfall in O2 available)

Did you know..?

Aerobic exercise increases the volume and efficiency of the lungs

Attempts at breaking world records holding breath involves 'apnea' where there is no movement of the <u>muscles</u> of respiration and the volume of the <u>lungs</u> initially remains unchanged. Untrained humans cannot sustain voluntary apnea for more than one or two minutes. Illusionist David Blaine held his beath underwater in May 2008 for 17 minutes and 4 seconds.

Key words: diaphragm, alveoli, trachea, aerobic, anaerobic bronchioles oxygen respiratory

Risk assessment & Prevention of Injuries

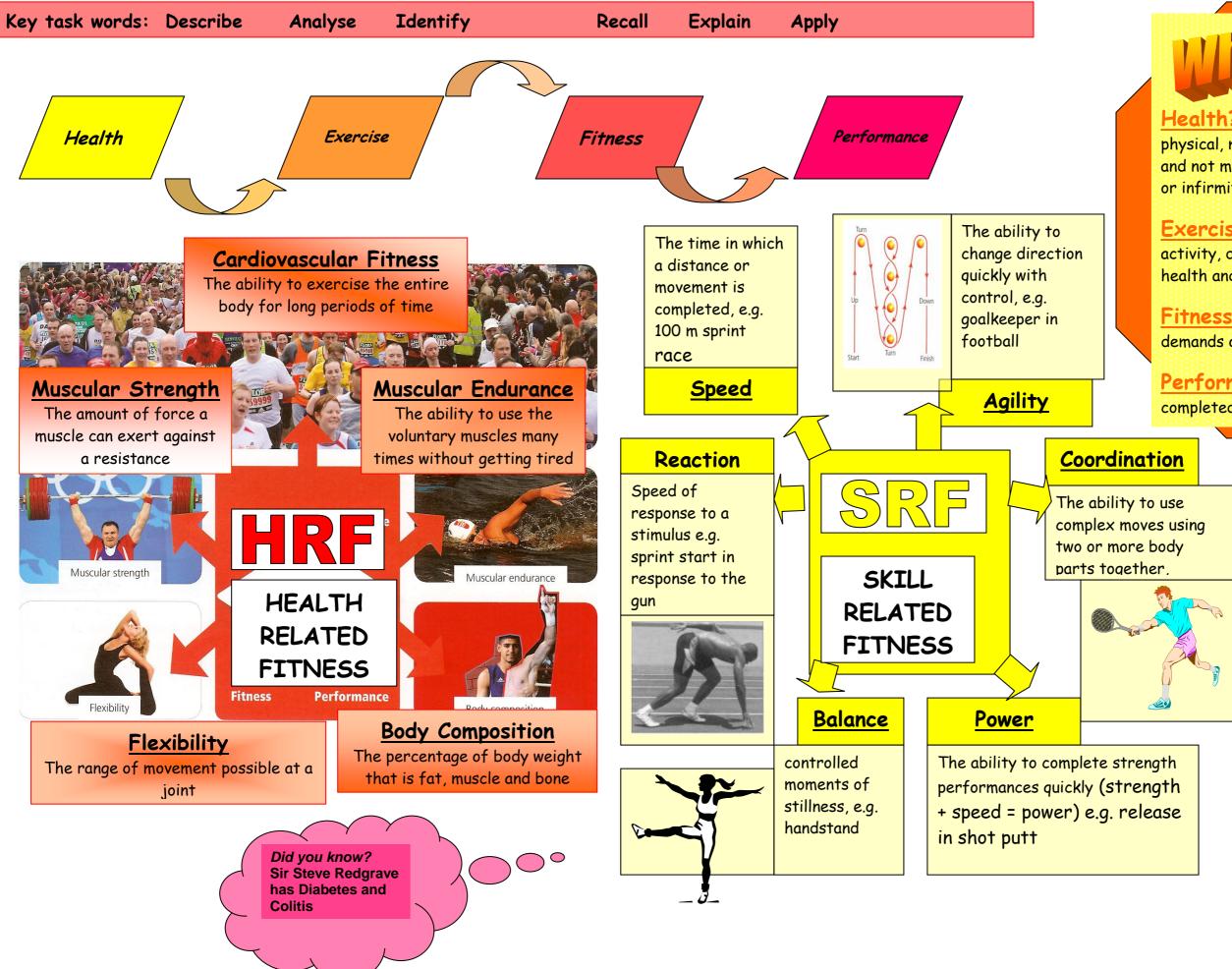




Apply

Strains These are the result of overstretching, twitching or wrenching of a muscle. The muscles of the back and legs most commonly suffer strains - e.g. lifting objects Here the ankle joint is over rotated Dr. ABC Routine Dr. ABC is a simple routine, which can be easily followed to assist any injured person (casualty). It involves assessing their condition at a number of stages and taking appropriate action to ensure they continue to breath and their blood circulates, until an ambulance arrives. D Danger Response Airway Breathing Circulation **KEY WORDS:-**Concussion Dehydration Hypothermia Elevation Compound PAR-Q Haemorrhage

Health, exercise, fitness and performance







Health? A state of complete physical, mental and social well-being and not merely the absence of disease or infirmity.

an Burn

Exercise? A form of physical activity, done to maintain /improve health and physical fitness.

Fitness? The ability to meet the demands of the environment.

Performance? How well a task is completed.



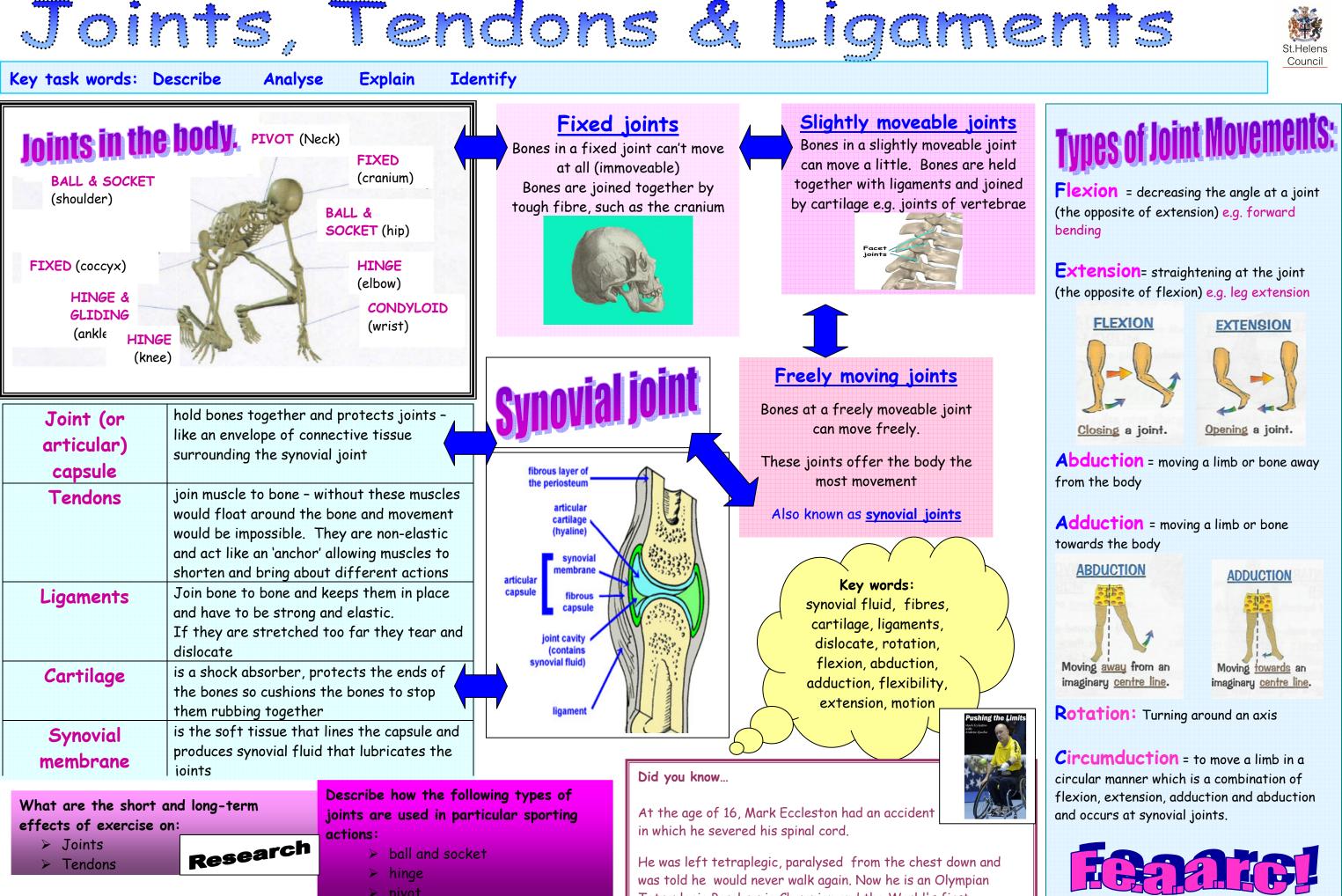
Performance Disease Coordination Reaction Cardiovascular Flexibility

Research:

What is BMI?

Complete a battery of skillrelated fitness tests and compare your results to that of a friend.

What are hypokinetic diseases?



- > pivot



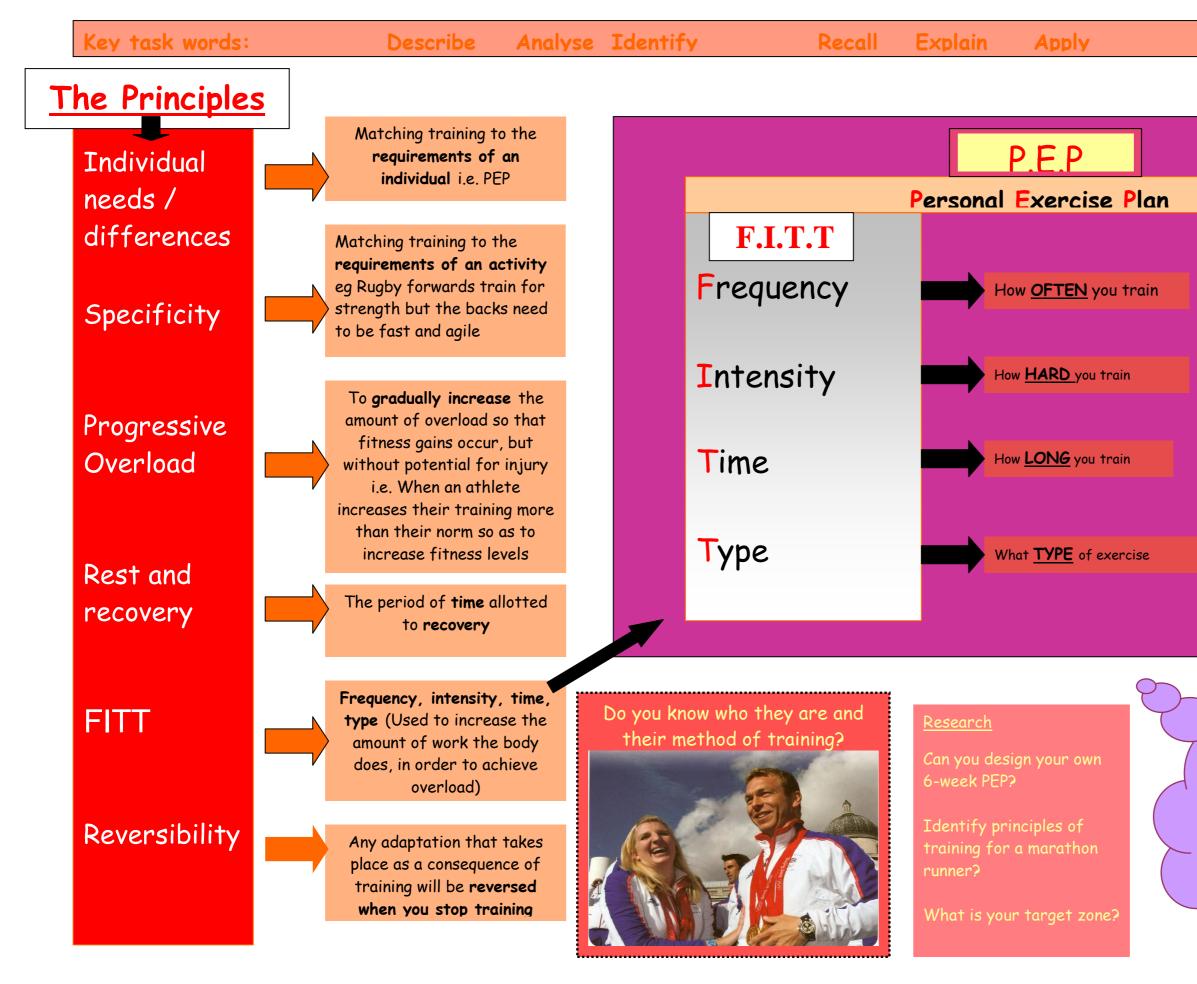
Tetraplegic Paralympic Champion and the World's first Tetraplegic Tennis Coach





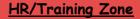


The Principles of Training









Target zone is 60% of maximum HR.

Maximum HR is 220 - age.

At least 20 mins activity per session should be in the target zone.

Key words: Specificity Reversibility Progressive overload Frequency Intensity Adaptation

