- <u>Health & Fitness</u>: Not necessarily synonymous "<u>Health</u>"= normal function/ lack of disease; "<u>Fitness</u>" is specific – fit for what? An elite athlete may be fit to run a marathon but also be unhealthy. <u>https://www.healthforteens.co.uk</u> (NHS site – v good)
- Athletes train for specific purposes (*specifity*); very different from the *functional general fitness* desirable for the wider population.
- Generally, <u>physical activity is good for health & well-being</u>, & is <u>protective</u> of these <u>physically</u> and <u>psychologically</u>. Engage in *enjoyable physical activities*. <u>Aim</u> - 30 mins/ day *moving around briskly in the open air* (Eg. walking, bike riding, kickabout games, gardening).
- Diet: sensible/ balanced approach <u>variety</u> (all major food grps carbs, fats, proteins, vits & mins, fibre) "<u>colours on plate</u>" <u>beware processed & "fast" foods</u> (sugar, salt, "trans fats"). Drink <u>water</u>, but not to excess! (Urine clear? If not, drink more.) <u>Beware canned drinks</u> ("zero" options disrupt metabolism, & not good for blokes long-term prostate!). *Common sense is key ->* "<u>90/10 Rule</u>": eat well 90% of time occasional "treats" will do no harm.
- "<u>A pound of flesh</u>": if energy intake exceeds usage, weight gain occurs: 50 cals (Eg. small biscuit) surplus/ day = surplus 350 cals/wk; 3,500 over 10 wks (1lb human fat = approx. 3,500 cals) -> eating 50 surplus cals/ day could result in 5-6lbs fat gain a year.
- <u>Cancer</u>: 100+ diseases characterised by abnormal, uncontrolled cell growth/ proliferation. Can occur anywhere (expt teeth, nails, hair). <u>Complex causes</u>, *but cancer risks are reduced by* – <u>healthy diet</u> <u>not smoking</u> <u>moderate alcohol use</u> <u>regular exercise</u> <u>sun protection</u> <u>https://www.cancerresearchuk.org</u>
- Male specific cancers: Prostate (30,000+/ yr in UK older men); Penile (v rare generally, older men); Testicular (2-3,000/ yr in UK young males 15-40 "danger zone").
- "Know Your Balls Check 'em out!" Testicular Self-Examination -> do it regularly/ in bath when everything's 'hanging loose' - <u>TESCO</u>! (Testes; Epididymis; Scrotum; Cord; Other bits). Anything unusual/ any change -> go to doc asap! <u>https://www.orchid-cancer.org.uk</u>
- Drugs & Alcohol: "Drug" = any substance other than life essentials (oxygen, water, food) which when ingested has a physical and/ or psychological effect. <u>https://www.talktofrank.com</u>
- <u>Reasons for drug use</u>? Complex/ multiple <u>Context</u>: Legal/ illegal? Medical? Social/ Recreational? Be aware of the Law, but also be <u>self-aware</u> & <u>assertive</u>: a legal drug may not necessarily be good for individual well-being: *"Legal" does <u>not</u> = harmless*!
- Any drug used excessively/ inappropriately can harm most, in sufficient concentration, can kill: "Lethal Dose Factor" – varies greatly by drug, but most drugs have one.
- Some drugs are illegal (*Misuse of Drugs Act; Psychoactive Substances Act*); others are regulated (*Medicines Act*); many are legal & widely used (age restrictions may apply) Eg. alcohol, caffeine, nicotine, paracetamol. "<u>County Lines</u>" beware know the signs!
- Alcohol: dangerous drug (kills 30,000/ yr in UK). <u>Acute alcohol poisoning</u> an "overdose" drinking too much alcohol in one go <u>will kill</u>. <u>Long-term alcohol misuse</u> -> huge range of health, psychological, & social problems (Eg. obesity, type 2 diabetes, raised cancer risks, liver & heart disease, mental health, violence, accidents, domestic abuse).
- Foetal Alcohol Syndrome (FAS) alcohol is one of the most potentially harmful drugs (to a baby in utero) a woman can use during pregnancy.
- <u>NB</u> tobacco smoking (nicotine delivery) & alcoholic drinks [both legal] kill far more people in UK than illegal drug use. "<u>Recreational</u>" drug use may have huge implications – <u>legal</u>, <u>health/ personal well-being</u>, <u>education</u>, <u>careers</u>, etc. (CRH, 2022)