



https://www.youtube.com/watch?v=cKRf53I737E

Fats, oils and lipids: Too much fat is bad for you, but so is not enough.						
Source BUTTER						
	source	es. They are also / are generally soli Lard / Dairy				
Constructed Fats     (These are healthier. They     are often liquid at room temperature.)     Monounsaturated fats     – olive oil / avocados     Polyunsaturated fats     – sunflower oil / seeds						
"healthy" fats a	as you hey ar	e Polyunsaturated ir body needs ther e good for your he eeds	m but can't			
Se	ource o	Function Energy Warmth tection of organs of fat soluble vitami mone production	ns			
Dietary Reference Va	lues	Too much	Not enough			
DRI S	Nomen 70g	Obesity Heart disease Type 2 diabetes	Vitamin deficiency (fat soluble) Unprotected			

hydrates e and complex - ar & Starches				
ar u starches				
Disaccharid	es eve meno			
nonosaccharides,				
Complex - these are starches (polysaccharides) Bread, potatoes, Flour, Pasta,Rice.				
Function       Free sugars         Simple       Quick burst of energy         Quick burst of energy       These give you no nutritional benefit other than energy.				
Not enough	Too much			
Can make blood sugar level drop • hunger, • dizziness, • Tiredness • Lack of energy Our body will use protein for energy (leads to loss	<ul> <li>Excess is turned into fat</li> <li>Can cause obesity</li> <li>Too much sugar leads to dental problems</li> <li>Can lead to type 2</li> </ul>			
	kta, Rice. Fre These nutritic other t Not enough Can make blood sugar level drop hunger, dizziness, Tiredness Lack of energy Our body will use protein			

## MAXIMISE YOUR POTENTIAL

## Become an expert in the kitchen

## Diet Related Health Problems Dietary Needs Vegetarians Obesity - When the body has too much fat. People have different dietary needs; this affects what they can There are many different types of vegetarian depending on and cannot eat. BMI (Body Mass Index) is used to calculate body mass which animal foods are included in the diet. Key Words: BMI of 18.5 - 25 is normal, 30 + is obese. People may follow a vegetarian diet for different reasons Allergy: an adverse reaction by the body to certain Cause: energy in > energy out; Eating too many high energy foods (fat substances. They do not like the thought of eating dead animals, fish, & sugar); Low exercise levels. Intolerance: a condition that makes people avoid certain birds food because of the effects on their body Problems: High blood pressure and cholesterol = heart problems; They think it is cruel to kill for food Allergic reaction: the way someone responds to certain Increased risk of type 2 diabetes & cancer Their religion does not allow them to eat meat, fish, food. For example: a rash/swelling/anaphylactic shock poultry. Breathing difficulties, fatigue & low self esteem. They think it is healthier to eat a vegetarian diet. Some people make a choice not to eat certain Coronary Heart Disease Arteries clogged with cholesterol The three main types of vegetarian are lacto-vegetarian, foods. Reasons include: lacto-ovo vegetarian and vegan. Cause: saturated fats, low physical activity, smoking & high blood lacto-vegetarian --will not eat any pressure. meat, fish or eggs, but will consume milk and dairy products. Health Problems: Blood cannot pass through arteries properly which lacto-ovo vegetarian --will not eat causes heart to pump faster and harder, causing chest pains CHRISTIANIT Vegetarian any meat, or fish , but will consume (angina);blood flow and oxygen to the heart gets blocked which causes heart attacks eggs, milk and dairy products. Vegan - will not eat any food that is Tooth Decay made directly or indirectly from an Plaque is a substance which contains bacteria. This builds up from food animal. They also refuse to use in the mouth. Bacteria feed on sugars and form acids which eat away at product such as soap and cosmetics tooth enamel and cause tooth decay (caries/cavities) Cause: high sugar/ eoan foods which involve the use of animal oils ≻ Medical reasons Religious beliefs or fats. Religious Reasons Islam Judaism Hindus > Do not eat pork No pork or shellfish No beef or beef products Meat must be halal milk and meat together Mostly vegetarians Ethical beliefs Taste/texture of No alcohol or shellfish Meat must be kosher food No alcohol

Name of medical condition	Food/drinks to avoid	Reason to avoid	
Diabetes	Starchy food/ high in sugar	High in saturated fat. Can lead to heart disease, while excess sugars can cause unwanted weight gain and blood sugar spikes	
Nutallergy	Nuts, blended cooking oil, margarine with nuts oils and often seeds	the immune system overreacts to proteins in these foods	
Lactose intolerance	Milk, cheese, yogurt, processed food	cannot metabolize lactose properly; they lack lactase, an enzyme required in the digestive system to break down lactose. Patients typically experience bloating, flatulence, and diarrhoea	
Gluten intolerance (coeliac)	Wheat, wholemeal, bran, pasta, rye, beer	Celiac disease is caused by a reaction to a gluten protein found in wheat, barley, rye, and sometimes oats. Symptoms include chronic <u>diarrhoea</u> , weight loss and <u>faticue</u>	