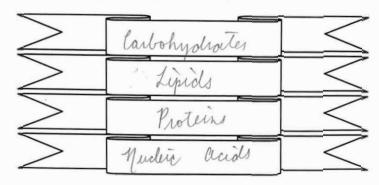
Biological Molecules- You Are What You Eat

This worksheet goes Crash Course Biology found on youtube http://www.youtube.com/watch?v=H8WJ2KENIK0

Biological Molecules:

These are the molecules necessary for every living thing on earth to survive...

They are ...



Carbohydrates [3:00 - 7:00]

Monosaccharides

Mono = θ_{h}

Saccharide = Jugan

Example: Glucose Molecule Fill in the Bubbles

CH OF	
(H) (R)	(B)
© m	n C
OH (B)	(DA)

Disaccharides have 2 sugars. An example is (glucose + fructose) Sucrose

· Di = two

Polysaccharides have many sugars

• Poly = many thanks multiple

Animals store their energy in

. It is made up of glucose left over from what we eat. It's generally a short term store.

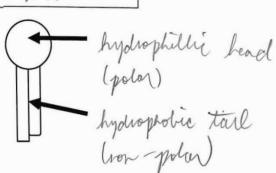
Lipids [7:00-10:45]

They are made of two ingredients;

type of fat	state at room temp. (solid/liquid/ gas)	Shape (straight/bent)
Saturated fat	solid	straight
Unsaturated fat	liquid	bent

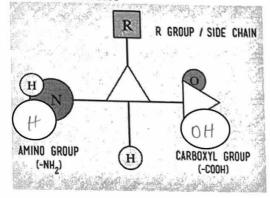
Phosopholipid makes up the cell membrane

Label the phospholipid on the right



Proteins : [10:45-13:30]
List 3 Examples/Functions of protein:
List 3 Examples/Functions of protein: - engines regulating chemical processes helping you digest food - authorities connecting themselves to invaders. Whe backerium and misses - authorities connecting themselves to invaders. Whe backerium and misses
- antibodies connecting themselves to invaders. we wanterin
- protein formous to feel enotions
Proteins are made using only (number) different ingredients called
amus acid (AA)

Fill in the bubbles



When you get a bunch of these amino acids together you make a long change called polypetrals (there's that prefix poly again!)

Triple Decker sandwich:

Biological molecule it contains	Importance of biological molecule	building blocks of molecule
corbohydrates	source of	monosocharide
lipiols	storage of	glycerol + fatty acrol
protein	tepan muscle+ boes, make hormo tenganes mucol	es amus acibl
	contains	contains biological molecule source of energy typiols topiols topiols topiols