Molecules gone Wild! Bio Style!

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**Carbohydrates** provide the energy for your life!

The simplest form, like **Glucose**, is known as a **monosaccharide**

Combine **Two**, and make a larger sugar called **disaccharide**

The largest is a **Polysaccharide**!

Lipids are the fats!

3 fatty acids with a **glycerol** make up the fats

**Triglycerides** with only single bonds are **saturated fats**

But if they’re double bonds they now become **unsaturated** **fats**

Don’t eat too much fat!

**Monomers** build to **polymers** filled with CHO!Hey!

Molecule’s macro! Hey!

One with H O, other with H, so

Bond and go! Hey!

Release H2O! Hey! **Dehydration** **synthesis** is underway!!!

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Bio style! Mol-mol-mol molecules gone wild! Bio style! Mol-mol-mol molecules gone wild!

Many Polymers-mers-mers-mers Molecules gone wild!

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VERSE 2:

**Proteins**: the building blocks that make up your whole body

Your skin, your hair, your muscles – need protein to get the hotties!

Break down **Polypeptide** to **amino acid** in your body

**Nitrogen** comes to the party!

**Nucleic acid**!

The famous one is **DNA** that’s known by all you kids

With 2 **polynucleotide** chains linked to make it valid,

Which breaks into single **nucleotides** when it’s digested

**Phosphorus** added!

When you eat food, to get in the mood Molecules will flow! Hey!

Straight down your throat! Hey!

Need to break those big polymers, so

Here’s H2O! Hey!

Splits to H and O! Hey! **Hydrolysis** is what I just now displayed!!!

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BRIDGE:

Food deforms into its simplest forms!

When you eat it, break it down, then it reforms! Now you’re informed! So please study more! Study! Study! Read your notes and textbooks! You know what I’m saying?

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**High heat capacity :water has a high heat capacity, so it requires a lot of energy to heat up; requires 1 cal to raise 1 gram of water by 1 degree**

**Cohesive:which water molecules clings together due to Hydrogen bonding; the surface film (top layer of water) is held by surface tension**

**Adhesive: water tends to stick unlike substances**

**Water is a solvent: water is considered a universal solvent for its ability to dissolve a wide range of substance since it is a polar molecule**