**CARBOHYDRATES REVIEW**

1. List 3 foods that contain mostly carbohydrates.
2. Carbohydrates are chains of what smaller organic molecule?
3. Draw a simple picture of this smaller building block molecule.
4. List 3 ways that living creatures use carbohydrates.
5. Give 2 examples of carbohydrates in living organisms.
6. List the names of 3 sugars.
7. Most sugars end in what 3 letters?
8. Another name for a sugar is…
9. What is meant by a monosaccharide?
10. What is meant by a disaccharide?

11. What is meant by a polysaccharide?

12. What is the molecular formula of glucose?

13. Which carbohydrate do plants store for later energy use?

14. Which carbohydrate do animals store for later energy use

15. Which carbohydrate makes up the cell walls of plants?

Can we digest this carbohydrate? **YES NO**

If not, what function does it serve when we eat it?

16. If you need a quick shot of energy in the next hour what should you eat? Why?

17. Why does an athlete eat a lot of pasta the night before a game?

1. Draw and Label a Simple Sugar, disaccharide and a polysaccharide

**PROTEIN REVIEW**

1. List 3 foods that contain mostly proteins.
2. List 3 ways that living creatures use proteins.
3. Give 3 examples of proteins in living organisms
4. Proteins are chains of what smaller organic molecule
5. Draw a simple picture of a protein showing this chain of smaller molecules.
6. How many different amino acids are there?

**LIPIDS REVIEW**

1. List 3 foods that contain mostly lipids.
2. Are lipids chains of smaller molecules like carbohydrates

3. List 3 ways that living creatures use lipids.

1. List 3 examples of lipids in living organisms.

Draw a Lipid

**NUCLEIC ACIDS**

1. What are the functions of a nucleic acids in living organisms?
2. Name the two examples of nucleic acids in all organisms.

3. Describe the shape of the DNA molecule.

Draw BOTH RNA and DNA