Go to address

<http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/C/Carbohydrates.html>

Write down the questions and answer them.

1. What is the molecular formula of glucose?
2. How do you link two monomers into a disaccharide?
3. What is the function of glucose?
4. What are the three common disaccharides?
5. How many calories do carbohydrates provide?
6. What is the function of cellulose in plants?

Go to the address

<http://biology.clc.uc.edu/courses/bio104/lipids.htm>

Write down the questions and answer them.

1. What are fats and oils made from?
2. What is the tail and head of a fatty acid?
3. What do the terms saturated, mono-unsaturated and poly-unsaturated refer to?
4. Which of the above is liquid at room temperature and why?
5. What makes a phospholipid different from a lipid? How does that affect its function?
6. What is an emulsifying agent?

Go to the address <http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/P/Proteins.html>

Write down the questions and answer them.

1. What are proteins made of?
2. List four functions of proteins.

Go to the address

<http://www.chem4kids.com/files/bio_carbos.html>

Write down the questions and answer them.

1. Read information on the site.
2. Besides cotton, where are polysaccharides found?
3. Go to the next stop on site tour.
4. How many amino acids are there?
5. Draw the amino acid structure.
6. What makes each amino acid different?
7. What is the function of an enzyme?
8. Write the four steps of the enzyme process?

Go to

<http://bcs.whfreeman.com/thelifewire/content/chp03/0302002.html>

go to the animation tab and watch each of the animations

<http://bioweb.wku.edu/courses/biol115/wyatt/biochem/macromolecules.htm>

read and answer the website questions.