

## Carbohydrates

## Drag and Drop

## Word Bank:

65	cellulose	herbivores	oxygen	water	sucrose
carbon	sugars	glucose	oxygen	walls	hydrogen
carbon	synthesis	glucose	96	adding	hydrogen
carbon	digestion	starch	chitin	fructose	fructose
nitrogen	quick	cellulose	glycogen		

- \_\_\_\_\_ % of living organisms are made of four primary elements. Those elements are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
- \_\_\_\_\_ % of your body is H<sub>2</sub>O. Water is inorganic, which means it does not contain \_\_\_\_\_.
- Carbohydrates are made of \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
- The monomers that make up carbohydrates are \_\_\_\_\_.
- Building polymers is called \_\_\_\_\_. Breaking polymers is called \_\_\_\_\_.
- Carbohydrates are built by removing \_\_\_\_\_. They are broken by \_\_\_\_\_ water.
- Plants store carbohydrates in the form of \_\_\_\_\_. Animals store carbohydrates in the form of \_\_\_\_\_.
- Carbohydrates are sources of \_\_\_\_\_ energy.
- An example of a structural carbohydrate is \_\_\_\_\_ which is found in plant cell \_\_\_\_\_.
- The basic carbohydrate for life is \_\_\_\_\_.
- The carbohydrate found in fruit is \_\_\_\_\_.
- The disaccharide that makes up table sugar is called \_\_\_\_\_ and is made of \_\_\_\_\_ and \_\_\_\_\_ combined.
- The carbohydrate found in the exoskeletons of arthropods (crabs, lobsters, etc.) is \_\_\_\_\_.
- The carbohydrate that is hard to digest is \_\_\_\_\_.
- Hard to digest carbohydrates are typically eaten by \_\_\_\_\_.