Carbon-Based Molecules
1. Drag the molecules to classify it as Carbon based or Non-carbon-based molecules:

CARBON BASED MOLECULES	NON-CARBON-BASED MOLECULES
[ ]	[ ]
[ ]	[ ]

OH   OH
HO — CH₂ — CH — CH — CH — CH — CH₂ ═ O
        OH   OH
Glucose

Oxygen O_2

Carbon dioxide CO_2

H   H
O
WATER MOLECULE
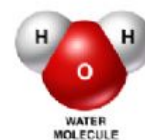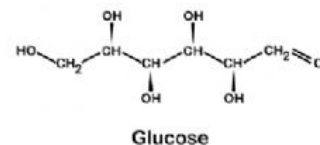
LIVEWORKSHEETS

2. Use the key concepts to match a carbon-based molecule in Column A to its example in Column B:

Key Concepts	Column A	Column B
carbohydrates	[ ]	DNA
lipids	[ ]	wax
proteins	[ ]	starch
nucleic acids	[ ]	enzymes

LIVEWORKSHEETS

3. Use the key concepts to match a carbon-based polymer in Column A to its monomer in Column B.

Key Concepts	Column A	Column B
carbohydrates		amino acids
proteins		nucleotides
nucleic acids		sugars