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| **Cornell Notes** | **Topic/Objective:** | | **Name:** |
|  | | **Class/Period:** |
|  | | **Date:** |
| **Essential Question:** | | | |
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| **Questions:** | | **Notes:** | |
| **What is an organic compound?** | |  | |
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| **What is a carbohydrate?** | |  | |
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| What is a monosaccharide? | |  | |
| Polysaccharide? | |  | |
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| **What is a lipid?** | |  | |
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| What are 3 types of lipids? | |  | |
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| **What is a protein?** | |  | |
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| What is an amino acid? | |  | |
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| What is a polypeptide? | |  | |
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| **What is a nucleic acid?** | |  | |
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| What is a nucleotide? | |  | |
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| What is DNA? | |  | |
| What is RNA? | |  | |
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| What is a complementary base pair? | |  | |
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| What is a double helix? | |  | |
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| **Lesson Review Questions** | | | |
| List the four major types of orgnaic compounds: | | | |
| What determines the primary structure of a protein? | | | |
| State 2 functions of proteins: | | | |
| Identify the 3 parts of a nucleotide: | | | |
| Butter is a fat that is solid at room temperature. What type of fatty acids does butter contain? How do you know? | | | |
| Why is carbon essential to all known life on Earth? | | | |
| Compare and contrast the stuctures and functions of simple sugars and complex carbohydrates: | | | |
| **Summary:** | | | |
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