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Topic: Biomolecule Quiz

Summary: Assess student's knowledge of monomers and polymers of macromolecules.

Goals & Objectives: Students will be able to identify monomers and polymers of macromolecules.

Time Length: 20 minutes

NGSS Standards: *HS-LS1-6.* Construct and revise an explanation based on evidence for how carbon, hydrogen, and oxygen from sugar molecules may combine with other elements to form amino acids and/or other large carbon-based molecules.

Materials:

Quiz & pencil or pen

Procedures:

Students put away any notes, binders, and books on the floor.

Accommodations: Students with an IEP can have extra time taking the quiz.

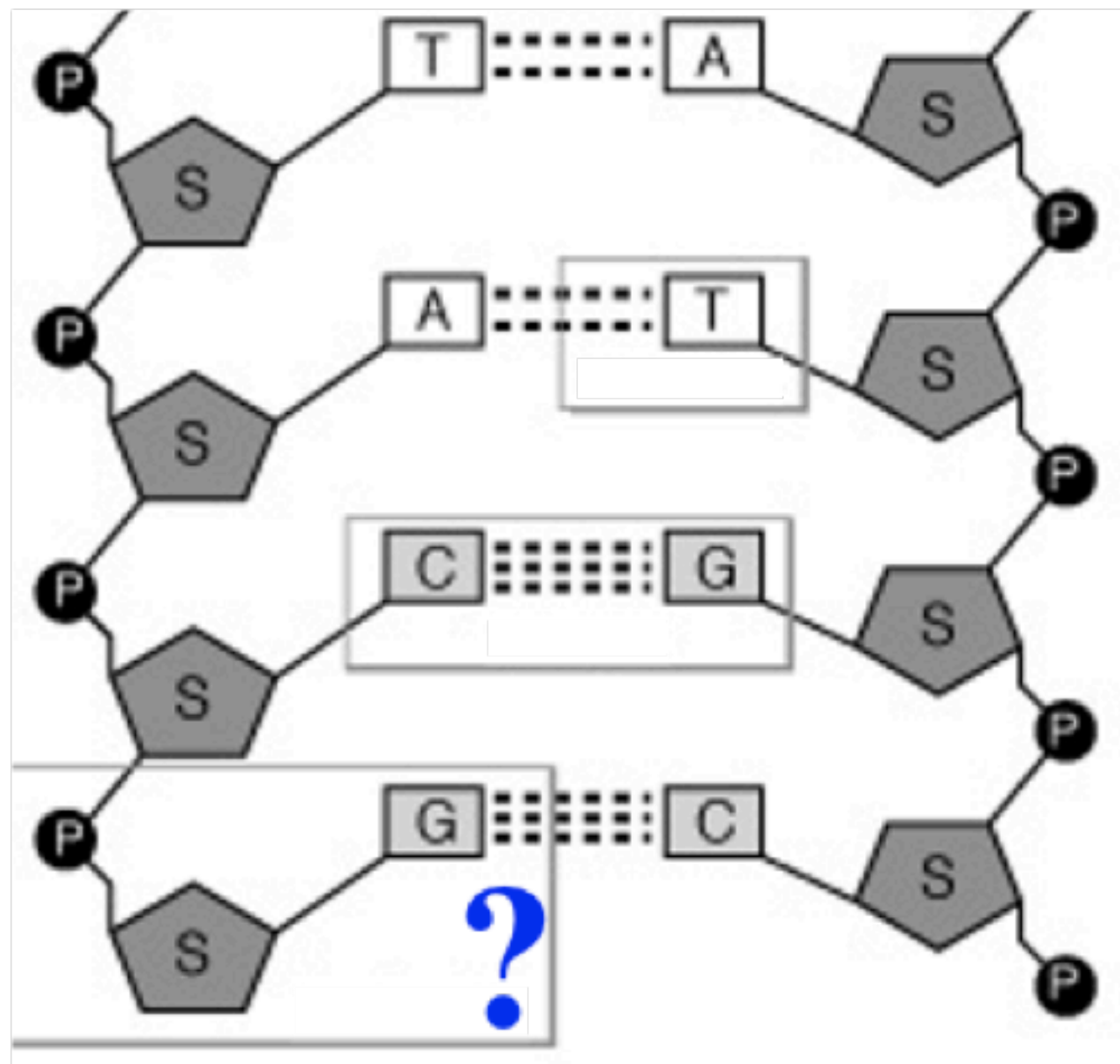
Editable DOCX File and Answer Key:

Available at www.ngsslifescience.com

Biomolecule Quiz

(Use scientific terms only)

1. Which biomolecule stores genetic information? _____
2. What is the monomer of the biomolecule in question #1? _____
3. What is a polymer of the biomolecule in question #1? _____
4. Which biomolecule makes up fat? _____
5. What is a polymer of the macromolecule in question #4? _____
6. Which biomolecule is used for immediate cell energy? _____
7. What is the most common monomer for the biomolecule in question #6? _____
8. What is a common plant polymer of the biomolecule in question #6? _____
9. What is a common animal polymer of the biomolecule in question #6? _____
10. Which biomolecule performs work for your cells and tissues? _____
11. What is the monomer of the biomolecule in question #10? _____
12. What is the polymer of the biomolecule in question #10? _____
13. What monomer is shown in the box in the diagram below? _____



14. When all the monomers in question #13 become bonded together to form a polymer, what type of polymer is formed? _____
 15. How can one biomolecule be converted into a different biomolecule? _____
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