Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_ **Chemistry II: Plastics Go Green**

**Directions:**  *Before reading*, write “A” or “D” in the first column, indicating your agreement or disagreement with each statement. As you read, compare your opinions with information from the article. In the space under each statement, **cite information from the article** that supports or refutes your original ideas. Refer to the paragraph number containing your supporting evidence.

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| --- | --- | --- |
| **Pre-read**  **(Agree or Disagree)** | **Paragraph # w/supporting evidence** | **Statement** |
|  |  | 1. Most plastics today are made from garbage and other waste materials |
| *Supporting evidence statement:* |
|  |  | 1. The first true green car was the Toyota Prius. |
| *Supporting evidence statement:* |
|  |  | 1. Plastics are produced through the polymerization of monomers. |
| *Supporting evidence statement:* |
|  |  | 1. Plastic can be made from potatoes, corn and beets. |
| *Supporting evidence statement:* |
|  |  | 1. Water molecules can be a problem in a polymerization process. |
| *Supporting evidence statement:* |
|  |  | 1. Fungi can be used to make bioplastics. |
| *Supporting evidence statement:* |
|  |  | 1. Some water bottles are made of starch. |
| *Supporting evidence statement:* |
|  |  | 1. The production of bioplastics has no environmental impacts. |
| *Supporting evidence statement:* |
|  |  | 1. When bioplastics decompose, they produce greenhouse gases, leading to global warming. |
| *Supporting evidence statement:* |
|  |  | 1. All plastics can be recycled into new products. |
| *Supporting evidence statement:* |
|  |  | 1. The production of bioplastics will become more environmentally friendly in the future. |
| *Supporting evidence statement:* |