



Name \_\_\_\_\_

## Topic 1-4 Chemistry of Living Things

Read each statement below. Respond in the left column whether you agree (A) or disagree (D) with each statement. Think about why you agree or disagree, and be prepared to share.

Before Reading Agree/Disagree	Statement/Question	After Reading Agree/Disagree
	1. An element is a pure substance that cannot be broke down into any simpler substances by ordinary means.	
	2. When one or more elements are chemically joined together, compounds are formed.	
	3. The term organic refers to life.	
	4. Organic compounds that are basic to life include carbohydrates, fats and oils, proteins, enzymes, and nucleic acids.	
	5. The main source of energy for living things is fats and oils.	
	6. The more proper term for fats and oils is lipids.	
	7. The building blocks of proteins are DNA.	
	8. A special type of protein that regulates chemical activities within the body is called an enzyme.	
	9. Nucleic acids store information that helps the body make the proteins it needs.	
	10. RNA stores the information needed to build a protein.	