

## Adenosine Triphosphate Handout

As you work your way through the adenosine triphosphate interactive activity, answer the following questions to help you collect the relevant information.

1. What is adenosine triphosphate (ATP)?
2. What are the 3 different components that make up an ATP molecule? Describe their function and role.
3. How is energy released from an ATP molecule? What are the products of this reaction.
4. What is phosphorylation?

5. Describe how the cell couples endergonic and exergonic reactions to produce and then use ATP.

6. What does the universality of ATP in all living species suggest about the relationship of species to one another?