

## ATP Model

Assignment:

Make a moving, reusable model of ATP that shows the transition to ADP and AMP. The model must show the molecular structure of ATP.

Evaluation:

Present the model to the class, showing the transitions and describing the structure. Use the simplified rubric below to prepare.

Presentation Rubric

	Present	Not Present
Model is reusable		
Model is manipulated/moves		
Model has the molecular structure correctly shown		
ATP stands for adenosine triphosphate is mentioned		
Mentions adenine plus ribose sugar is adenosine		
Presentation describes the structure as containing adenine, a ribose sugar, and three phosphate groups (for ATP)		
Bonds between the phosphates are described as unstable and negatively charged		
Explains and models the addition on water in hydrolysis		