

## *The Halloween Chemistry Rhyme*

By Gianna Satriano and Ashley McGinnis

*Chemistry means the world to me  
It makes our world go 'round  
I want to jump up and down  
What does chemistry mean, you ask?  
It's the study of matter and its changes, what a task  
It appeals to all, including little tikes  
That there are five major types of chemistry, yikes!  
The scientific method is useful for solving problems  
Especially when you are being attacked by goblins!  
Matter is defined as anything that takes up space  
It's here, it's there, it's all over the place  
The states of matter make me want to cry  
Solids and liquids and gases, oh my!  
A mixture is a physical blend of two or more substances  
Heterogeneous and homogeneous are two of its cousins  
Compounds can be separated by chemical means  
Elements are the simplest form of matter it seems  
Each element is represented by a chemical symbol  
Although, each element can be smaller than a thimble  
In a chemical reaction, substances change to new  
You better watch out, they are changing, boo!  
Problem solving is easy if you follow three steps:  
First analyze, next calculate, and then evaluate the depths  
At first glance, conversion factors are quite scary  
But once you get the hang of it, you won't be too hairy  
Atoms are the smallest unit of life  
Composed of protons, neutrons, and electrons, that's no strife!  
All three are really not that large  
I mean, electrons are particles with a negative charge  
The positive particles we call protons  
Those that have no charge at all are called neutrons  
Each element has an atomic number  
It's the same number as protons, not a bummer.  
J. J. Thomson discovered electrons using the cathode ray  
But don't worry, this was back in the day  
The discovery of the nucleus was by Rutherford  
All of these men formed a brotherhood  
On a baseball stadium, the nucleus is the size of a pea  
I can't believe it, it's too small to see!*

