

## Chemistry: The Periodic Table

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<b>Lesson Overview</b>	This lesson discusses all of the different aspects of the periodic table, such as; atoms and electrons. With this information, students will be expected to use their creativity to produce an educational comic that can be used as an educational tool for other students in the class as well. This should be done alone so the students are using their own ideas to create a comic that is based on their own knowledge that they learned from the lesson. The comic should relate back to science based facts and be entertaining as well.
<b>Objective</b>	Students will be able to use Pixton as a comic to convey thoughts and provide information to fellow students about chemistry, more specifically the periodic table.
<b>Types of Students</b>	High School students in a Chemistry-based class.
<b>Length of Lesson</b>	The students will be taught the lesson for two days then on the third day they will review the material they were previously taught then they will be expected to create a comic based on the information they just learned.
<b>Standards</b>	Content Standard 1,1: Use the Periodic Table to compare attractions that atoms have for their electrons and explain periodic properties, such as atomic size, based on these attractions.
<b>Materials</b>	- Chemistry Textbook -A computer for each student -Access to computers
<b>Procedures</b>	1) The teacher will present the website "Pixton" a) The teacher will explain how to use Pixton and give a brief description about what Pixton. b) They will also explain how Pixton is used for educational purposes. 2) Students will be asked to create their own comic. 3) The teacher will provide a rubric for each comic. 4) The Teacher will also explain the assignment that will go along with the comic. a) Students will create their own comic using Pixton. The Students will sign up for a Pixton account, and give their user name to the teacher so that the teacher can follow their comic throughout the time they are learning about the Periodic Table.
<b>Application</b>	-Students will create comics using Pixton -Students will also be asked to present their comic to the class and explain why they the different elements and parts of each one as well as information about the atoms.
<b>Evaluation</b>	When the class has finished reading the book students will be able to understand and clearly be able to determine where an animal is commonly located, its' habitat. Comic will be graded on a 30 point system. 1. Poorly done, not much effort 2. Student put in the effort but had wrong information 3. Student clearly understands why animal lives in certain habitat and was well done as well as creative. Zero points would be given if student does not turn in project.

