**Science 10 Review Activity for Chemistry 11**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Instructions: For each box, find a person who knows the answer to the question. Write down the answer and their name. Try to get an answer from all members of the class!

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| What came first, the chicken or the egg?  Personal answer | Name one homogeneous mixture? | What does DNA stand for?  Deoxyribonucleic acid | How can you find the number of protons in the nucleus of an atom?  Atomic mass-  Atomic # | Which subatomic particles are involved in chemical bonds?  Electron |
| How many electrons are in the first energy level of an atom?  2 | When a positive ion is formed are electrons gained or lost?  Lost | What families of elements make up covalent compound?  Non metals  Halogens | What is the formula for the covalent bond carbon dioxide?  CO2 | What is the formula for hydrochloric acid?  HCl |
| What is the metric base unit for volume?  Litres (l) | What is the law of conservation of matter?  Matter can neither be created nor destroyed | What type of chemical reaction always produces Carbon dioxide and water?  Combustion reaction | How is energy transferred in metals?  Conduction | Balance the chemical equation below:  \_\_CH4+4Cl2->\_\_CCl4+ 4HCl  <https://www.youtube.com/watch?app=desktop&v=tq8gV8otv7w> |