**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? | Name one homogeneous mixture? | What does DNA stand for? | How can you find the number of protons in the nucleus of an atom? | Which subatomic particles are involved in chemical bonds? |
| How many electrons are in the first energy level of an atom? | When a positive ion is formed are electrons gained or lost? | What families of elements make up covalent compound? | What is the formula for the covalent bond carbon dioxide? | What is the formula for hydrochloric acid? |
| What is the metric base unit for volume? | What is the law of conservation of matter? | What type of chemical reaction always produces Carbon dioxide and water? | How is energy transferred in metals? | Balance the chemical equation below:  \_\_CH4+\_\_Cl2  ->  \_\_CCl4+ \_\_HCl |