**Science App Review**

Problem: In chemistry, molecules and compounds were very difficult to understand using symbols and line is patterns, and trying to memorize them. I always found that the way the molecule actually looked was very hard to understand and cannot be written down easily or shared on paper or through notes. Also, when doing experiments, it was hard to keep track and know what chemical changes were actually happening and what molecules and compounds were combining, etc...

Brainstorm: I would really like it if there were an app that clearly showed how molecules and compounds attach and the different colours and sizes and such. Possibly one that showed how compounds and molecules form with the different atoms and how they react when combining them.

App Explanation: I found an app that solves almost everything in my problem. The app is called MEL Chemistry. It has a list of several compounds and molecules and when you choose one (Water for example) it shows it on a 3D scale and shows the 3D model. It tells you its size in real life, and shows different sizes for heavier atoms. The molecules and compounds are shown in the symbol form, or in 3D form and can be zoomed in on or moved around interactively. When a specific atom is also clicked in the 3D model it shows is name and atomic number on the side, It also gives you a list of common experiments or labs that can be done with a photo of the produce and a video on the experiment as well as the instructions and safety. It shows what molecules or compounds or atoms and combining to make this reaction or change. You can then view a description of what is going on in the experiment.

**Pros**

* Its fully interactive
* Has a long list of common molecules/compounds
* Its shown in a 3D form as well as 2D to get better understandings
* There are useful experiments to understand what the listed molecule/compounds are used in.

**Cons**

* It doesn’t give very much information on the individual atoms
* It doesn’t have every molecule/compound
* You cannot create specific molecules/compounds by combining atoms, you can only use the listed ones.
* You cannot see the atoms and molecules/compounds in the experiments.

I think this app can really help to understand the chemistry section in science 9 and I think people will learn a lot from this app and it could be used by anyone as it is free and very simple and easy to use. Overall I would definitely use this app for chemistry next year and recommend it to others coming into science 9 and chemistry.