

Mixtures and Solutions Project

Dear Parents and Students,

I wanted to inform you about this project we are beginning in science. For the most part this will be an at home investigation. Don't be alarmed! Students can find common household solids and liquids to create their experiment. A mixture could be as simple as a cup of trail mix or combining a variety of cereal. A mixture is defined by combining two or more substances. It can be that simple! A solution is a liquid mixture in which the minor component (the solute) is uniformly distributed within the major component (the solvent). Water is the universal solvent. Students could test what happens when they add sugar, salt, or flour to water. They could also try to separate these components. In class we touch on chemical reactions as well. This seems to be the most intriguing for students. Fire and dangerous chemicals CANNOT be a part of this investigation. I will lend out goggles if necessary as we have discussed science safety in class; this would be for students using cleaning products or hydrogen peroxide or acetone (nail polish remover). Mixtures, solutions, and chemical reactions are the three categories we are looking at for our projects. You must approve of your child's idea as will I, then they may proceed with their investigation. I will send a form home with the student to record their idea and your signature of approval. These forms will be due March 1st. The final project deadline is March 22nd.

All requirements are on the science google classroom. There are also links to child friendly experiments. I have found that this is a great way to wrap up our mixtures and solutions unit and allows me to see students' understandings of the terms and concepts we have covered. I appreciate your support at home and look forward to the results!

Any questions, please contact Miss Skrdla via email: mskrdla@gpsne.org

Thank you,
Miss Skrdla