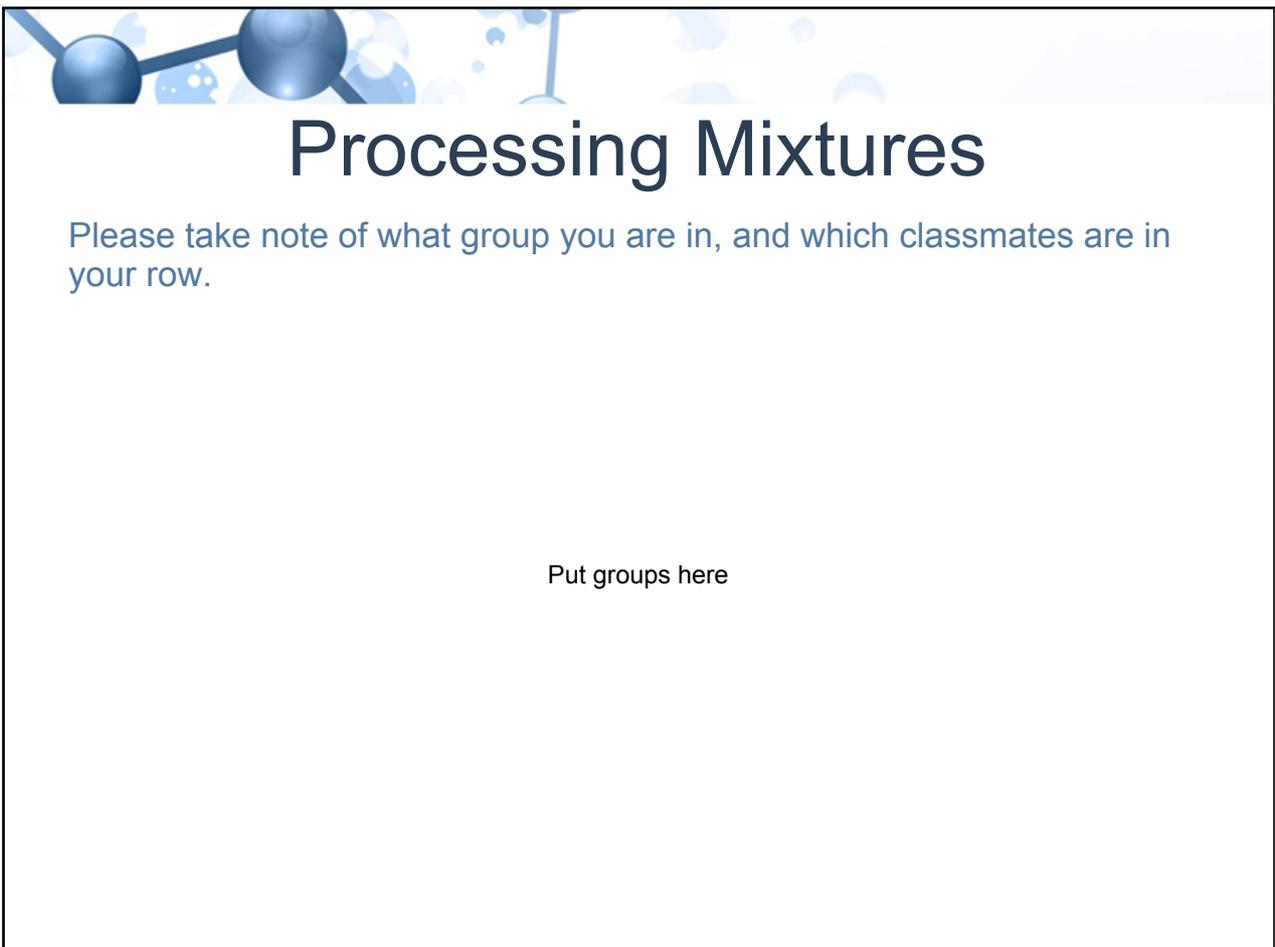
A background image featuring a blue molecular structure with spheres and connecting lines, set against a light blue gradient with faint, larger molecular shapes.

Grade 7 Science

Unit 3: Pure Substances and Mixtures

A background image featuring a blue molecular structure with spheres and connecting lines, set against a light blue gradient with faint, larger molecular shapes.

Processing Mixtures

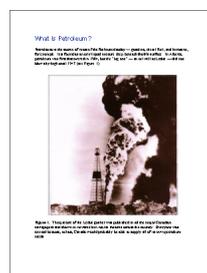
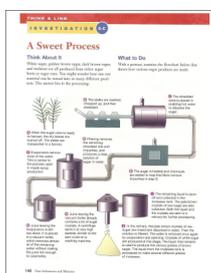
Please take note of what group you are in, and which classmates are in your row.

Put groups here

Processing Mixtures

Each of you will be given a sheet of paper to read. I will provide you with an instruction, I will start a timer, and for the duration of that timer you will follow that instruction. Once the timer is up you will be given another instruction, you will then follow it until a new timer is up. This will be how we proceed through the class today.

For two of the instructions you will be discussing information with other students. You will stay on task, or you will be asked to leave the room. The research you will be doing, and the conversations you will be having, will directly affect other students. If you do not do your job, others will be missing out.



Processing Mixtures

Here is a quote from your end of unit test:

"Discuss why a knowledge of pure substances and mixtures is useful when processing petroleum, gold, or sugar."

Step 1: Working by yourself, read through the information on the sheet provided to you. Record information pertaining to how the mixture is being processed.



Step 2: Sit with all other students who read the same information as you did. With them discuss the notes you took, supplementing your notes with their additional ideas. You need to become an expert on your topic.



Processing Mixtures

Step 3: Sit with the other two students in your row from the table on the first page of this file. One student at a time, discuss the things you recorded, teaching your peers about your topic. It is your job to be sure the other members of your group understand what you read.



Step 4: As a class we will discuss all three processes.



Attachments

3-16 Sugar.pdf

3-16 Gold.pdf

3-16 Petroleum.pdf