

| Before the P&G Purifier Process | During the P&G Purifier Process |
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| <ul style="list-style-type: none"> • Encourage the high school students to watch the P&G Purifier packets demonstration before this Learning Plan. • Remind the high school students to follow all safety procedures when handling this equipment, before, during, and after. • Have a timer ready and suggest that students all put their P&G Purifier packets in their water samples at the same time. This way, students will be able to discover together what happens to their water sample. • Use a cotton t-shirt to strain the water instead of a cheesecloth. It will work better and is more often used out in the field. • Make sure your spoon for mixing is tall enough that your hand will not touch the water as you are mixing it. | <ul style="list-style-type: none"> • Decide how you want to partner up the students. You could have 2 high school students partner with 2 Third grade students, each sharing their water source and 1 P&G Purifier of Water packet. • When putting the cotton t-shirt on the empty water container with the rubber band, give the t-shirt some slack. This will help avoid water spillage. • Pour the water into the filter very slowly and watch to make sure you don't overflow your water container. • The effects happen quickly! Make sure you are ready to observe the process once you begin. • Follow the time guidelines carefully- perhaps, put up times on the board for the class to all follow together. |
| After the P&G Purifier Process | Video Links/Demonstrations |
| <ul style="list-style-type: none"> • Remind the students that the cotton shirt and any water that splashed is not clean and they should not be touching it. • Have an adult carefully dispose of the cotton material. • Disinfect the table and working area. • The P&G Purifier packets work best when they are put in 10 L of water. The water the students collected will very likely not be 10 L of water. Because of this, do not advise students to drink this water. It will have a higher concentration of chlorine. | <ul style="list-style-type: none"> • How to use P&G Purifier packets • https://www.youtube.com/watch?v=9FI76IMO7kA • Time Lapse of Walk to Water and Purifier Demonstration |