**Removal of PFAS Worksheet**

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| **Removal of PFAS From Water** |
| **Materials**:   |  |  | | --- | --- | | 4 cotton balls | activated charcoal | | 1 clear plastic cup | 1 cup of colored water | | 1 plastic water bottle with base removed |  |   **Plan**: Draw a picture of your design.                          What color is your starting water? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    **Create**: Now design your PFAS removal filtration device.    **Test**: What color is your water at the end of the 5-minute testing period? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    **Analyze:** Compare your sample to other teams. What worked? What didn’t work?    **Improve:** What would your team do to improve your filtration system? |