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| **Experiment** | **Safety Equipment** | **Safety Concerns** | **Danger Mitigation** |
| Investigation Chemical Reactions | Goggles  Gloves  Apron | Mostly getting HCl in places it shouldn’t be | Wearing proper PPE and being careful not to spill. Keep paper towels nearby to clean spills |
| Line Fitting | Lights | Eye strain | Have plenty of backlight |
| Single Replacement Reaction Stoichiometry | Goggles  Gloves  Apron | Mostly getting CuSO4 in places it shouldn’t be | Wearing proper PPE and being careful not to spill. Keep paper towels nearby to clean spills |