

STEM-ify your Class Supply List

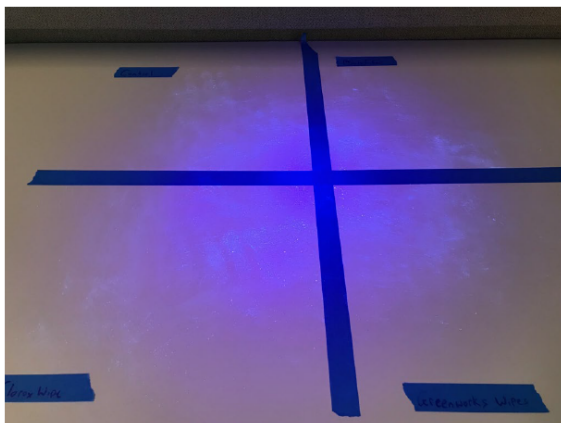
Physical Removal Investigation Procedure

Materials

- [Glo Germ Powder GGP \(White\)](#) (\$17.50)
- Brush or other tool to help disperse powder
- UV flashlight
- Microfiber Cloth
- Disinfecting spray
- Cleaning spray
- Tape
- Marker

Procedure

1. Your team will be assigned a cleaning product to investigate.
2. Collect your cleaning product and other needed materials.
3. Using a brush, apply GloGerm UV powder onto the surface that will be studied. Check with the UV flashlight that the material is dispersed.
4. Divide the powdered area into two sections using the tape. Use the marker to label the control section and the cleaning product section.



5. Have one student in your team carefully and consistently wash the cleaning product section with your assigned cleaning product. Be sure you are cleaning in a consistent manner (“s” pattern or 3 circles) with the other teams in the class.
6. Dispose of your cleaning product materials.



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7. Shine the UV flashlight on each section of your investigation setup.
8. Collect your observations regarding the physical removal of the GloGerm UV powder from the surface and write them on a sheet of notebook paper to leave at your station.
9. Participate in the Gallery Walk of the other cleaning products investigated by the class.
10. As a team rank the top three cleaning products and record your rankings in the Criteria Matrix.
11. Report your findings to the class for data collection.

Safety Issues

UV Flashlight- Do not shine into eyes. Always avoid contact with eyes.

Wash hands after using the cleaning products



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