

Dear Parents,

For the 2019-2020 school year the upper school science department is requiring all students to provide their own pair of safety goggles. A comfortable pair of goggles that will last for years should cost around \$10 can be found online (Amazon has lots of options). Students are more likely to wear eye protection for the duration of long labs if they are both comfortable and aesthetically pleasing.

Here are a few samples that meet the requirements for impact and splash protection.



Glasses must meet Z87 (impact) and D3 (splash) protection as defined by OSHA.

What Is the Best Eye Protection for Science Investigations?

Z87+ D3 safety glasses with side shields or directly vented goggles can provide adequate protection for laboratory or field activities involving solid materials, fragmentation, elastic materials, collisions, or projectiles.

Indirectly vented, chemical-splash goggles, Z87+ D3, should be the standard eye protection when using chemicals (solids and liquids), glassware, heating sources, preserved specimens, or dust/solid particles. An indirectly vented, chemical-splash goggle should fit snugly on the face surrounding the eyes, and the soft, pliable flange seals should extend around the eye. Since goggles need ventilation to reduce fogging, indirectly vented chemical-splash goggles are required to have hoods or caps over the vent openings to prevent chemical splashes from entering the inside of the goggle and causing injury to the eye.