

# BACK TO SCHOOL SAFETY

## Personal Protective Equipment Purchase Guide

We've been providing training and supplies for safety—including the highest quality PPE—for more than 40 years. that's why we at **Flinn** are **committed to making it easier for you to put safety at the top of every return to school plan.**



2020



## Sanitizer

Washing their hands continuously isn't always an option for your students. When stored and used properly, hand sanitizer is the best and safest option to keep hands clean.

Don't forget to check the percentage of alcohol in your sanitizer. Flinn Sanitizers are made with 80% ethanol in different options including:

- Multi-purpose Spray: Safe and gentle for hands, but strong enough for all surfaces with a fine spray nozzle that prevents waste
- 1 gallon and 55 gallon FDA-grade gel sanitizer, perfect for refilling hand sanitizer stations and classroom bottles
- Small, portable hand sanitizers suitable for distributing to individual students or staff. Perfect when you want a standard squirt of sanitizer for your hands.

### Recommended Products:

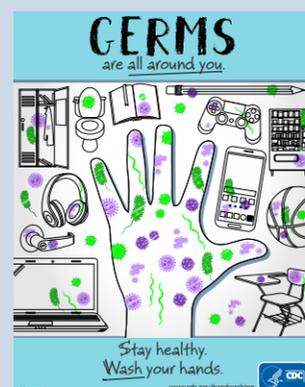
	PRODUCT NAME
AP11042	Flinn Multi-Purpose Spray Sanitizer, 4 oz, Package of 10 Bottles
AP11032	Hand Gel Sanitizer, Travel Size, 50 mL, Package of 10 Bottles
AP11066	1 Gallon Gel Sanitizer with Pump, Package of 4 (total 4 Gallons)
AP11070	Gel Sanitizer, 55 Gallon Drum
AP11065	Sanitizer Dispenser—Dispenser Only
AP11064	Sanitizer Dispenser Stand - Stand Only
AP11063	Sanitizer Dispenser With Stand

For a Customized Solution for your school or district, contact a Flinn sales representatives today at 1-800-452-1261

### CDC RECOMMENDS:

CDC recommends using ABHR with 60-95% alcohol in healthcare settings. Unless hands are visibly soiled, an alcohol-based hand rub is preferred over soap and water in most clinical situations due to evidence of better compliance compared to soap and water. Hand rubs are generally less irritating to hands and are effective in the absence of a sink.

[CDC Considerations for Schools](#)



## Gloves

Gloves are one of the top requested items on everyone's safety lists, we have options and sizes to fit the smallest to largest hands.

- Gloves should fit snug, but comfortable on the hand
- Gloves should be peeled off from the wrist down and off the fingers, so that they are inside out by the time they are off the hand

Flinn has a full selection of gloves available to suit every need from providing simple hand coverage to using while cleaning and disinfecting classrooms and more. As with any personal protective equipment, it is important to select gloves that are appropriate for the chemical hazards. One type of glove does NOT protect against all types of chemicals!

Chemical resistance of gloves is measured in three ways: degradation, breakthrough time, and permeation rate. For heavy-duty or longterm use you must consider not only the glove material but also the thickness, size and fit of the gloves. Review our [Glove Selection Guide](#) for details!

### Recommended Products:

	PRODUCT NAME
AP7080*	Disposable Powder-Free Nitrile Gloves Pkg. of 100. Sizes XL-XS
AP3216*	Disposable Polyethylene Gloves Pkg. of 100. Sizes XI-S
SE1032	Disposable Polyethylene Gloves Pkg. of 500
AP3232	Playtex-Type Gloves 1 Pair
AP4429*	Latex Gloves Pkg. of 100. Sizes XI-S
AP4828*	Powder-Free Latex Glove Pkg. of 100. Sizes XI-S

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\*each size has it's own product number; numbers listed are for large sizes

### WHEN TO WEAR GLOVES:

The [CDC recommends](#) using gloves when cleaning and when caring for someone who may potentially be sick.

Schools should provide gloves to any staff or students who may come in contact with a person showing signs of illness, or when taking daily temperature checks.

And as always, students participating in Lab Experiments should wear gloves during all science activities.





## Disposable Masks

Disposable Masks are a must to have on hand for students and faculty. Make sure half face style masks are worn covering the nose, gently press the metal strip to shape against the nose for a tighter fit.

- Per [CDC Guidelines](#), face coverings should be worn by staff and students (particularly older students) as feasible, and are most essential in times when physical distancing is difficult. Individuals should be frequently reminded not to touch the face covering and to wash their hands frequently.

### Recommended Products:

	PRODUCT NAME
BAP9574VV	Surgical Face Mask, Protective Box of 50
AP11071	Face Mask, Child Size Box of 50

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## Reusable Masks

Protective facial coverings are a must, we have your students covered with the latest addition to every students uniform. Make sure half face style masks are worn covering the nose, gently press the metal strip to shape against the nose for a tighter fit.

- Cloth face coverings are meant to protect other people in case the wearer is unknowingly infected but does not have symptoms. Cloth face coverings are not surgical masks, respirators, or other medical personal protective equipment.

### Recommended Products:

	PRODUCT NAME
AP11221	Personalized Face Mask: Three-Layer with Black Trim—Adult
AP11220	Personalized Face Mask: Three-Layer with Black Trim—Child

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## NOT EVERY MASK IS THE SAME:

When selecting any mask for use, consider the following four things; Filtration; Fluid Resistance; Features; Fitment. ASTM certification is important and relevant when deciding what type of mask to use:

Level 1: The general standard for both surgical and procedural use. Basic level of protection.

Level 2: Moderate barrier protection for low-to-moderate levels of aerosols, sprays, and fluids.

Level 3: Maximum barrier protection for any situation that has the potential for exposure to heavy levels of aerosols, sprays, and fluids.

Please note the differences between the two very similar-looking masks. At first glance, both appear to be the same, but upon further inspection, they are different. The top mask is as ASTM Level 2 certified mask which is thicker and offers more protection than the one on the bottom. The inside (face) of each mask is noticeably different and as you can tell, the ASTM Level 2 mask is made with more detail and offers superior barrier protection to the user.



## CDC RECOMMENDS: WASHING CLOTH FACE MASKS

### Washing Machine

- You can include your face covering with your regular laundry
- Use regular laundry detergent and the warmest appropriate water setting for the cloth used to make the face covering.

### Washing by Hand

- Prepare a bleach solution by mixing:
  - 5 tablespoons (1/3rd cup) household bleach per gallon of room temperature water or
  - 4 teaspoons household bleach per quart of room temperature water
- Check the label to see if your bleach is intended for disinfection. Some bleach products, such as those designed for safe use on colored clothing, may not be suitable for disinfection. Ensure the bleach product is not past its expiration date. Never mix household bleach with ammonia or any other cleanser.
- Soak the face covering in the bleach solution for 5 minutes.
- Rinse thoroughly with cool or room temperature water.

**Make sure to completely dry cloth face covering after washing.**



**CDC Considerations  
for Schools**



## Face Shields

Face Shields are the perfect solution when you need a full face option for added protection. Our lightweight and easy-to-wear face shields offer a protective barrier while allowing great visibility. Face Shields cover the face to help prevent droplets from entering the eyes, nose and mouth.

- Per [CDC Guidelines](#), Face Shields are not recommended as replacements for Face Masks.
- Face Shields should be used with face masks, as an added level of protection when in close contact with saliva, such as in nurses offices, cafeterias, and when caring for small children.
- Reusable face shields should be cleaned and disinfected after each use.

### Recommended Products:

	PRODUCT NAME
AP11017	Medical Protective Face Shield
SE226	Full Face Protective Shield
AP11068	Adjustable Face Shields—Adult Package of 25
AP11069	Adjustable Face Shields—Child Package of 25

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## HOW TO WEAR A FACE SHIELD

From the CDC: [Using Personal Protective Equipment \(PPE\)](#):

**Put on face shield or goggles:** When wearing an N95 respirator or half facepiece elastomeric respirator, select the proper eye protection to ensure that the respirator does not interfere with the correct positioning of the eye protection, and the eye protection does not affect the fit or seal of the respirator. Face shields provide full face coverage. Goggles also provide excellent protection for eyes, but fogging is common.

**Remove face shield or goggles.** Carefully remove face shield or goggles by grabbing the strap and pulling upwards and away from head. Do not touch the front of face shield or goggles.



## Eye Protection

Keep your students from touching their eyes with protective eye wear. Choose from our durable selection of goggles and glasses to find for the best fit for every student including anti-fog options.

- Chemical Splash Goggles are the perfect solution for full coverage eye protection. Lenses are easily replaced making these goggles a great investment.
- Safety Glasses are not a replacement for full chemical splash goggles, but will afford a level of safety protection against the dangerous transfer of substances from fingers to eyes.
- Keep wipes on hand for spot cleaning.

### Recommended Products:

	PRODUCT NAME
SE1049	Chemical Splash Safety Goggles
AP3306	Chemical Splash Safety Goggles, Standard Size, Vented
AP10655	Over-the-Glass Safety Glasses, Anti-Fog
AP3302	Protective Visitor's Glasses
AP10654	Tall Lens Safety Glasses
AP7474	Uvex® Safety Goggles
AP4661	Bio-Glasses Safety Glasses
AP9033	Cleanse a Lens™ Station
AP7473	Lens Cleaning Towelettes

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## PUT YOUR GOGGLES ON!

One fundamental safety rule in the science laboratory is wearing safety goggles whenever heat, glassware, or chemicals are used. The struggle to get students to wear safety goggles can be a constant battle and a source of frustration for many teachers.

Flinn offers a free resource with some safety tips and teacher-tested ideas that work. [Download the activity today!](#)





## UV Sanitizers

Protective eye wear needs to be kept clean to be effective and virus-free. Find the right solution to safely disinfect whatever eye covering you use.

- Choose from classic (analog) or digital goggle sanitizers
- Digital goggle sanitizers are available in two sizes

**Surface Disinfection:** Viruses and bacteria can present a danger to patients' recovery and the wellbeing of healthcare professionals. Normal cleaning and disinfection may go some way to mitigating the risks, but they inevitably leave behind some residual contamination.

Employing a multiple disinfection strategy, by applying UV-C radiation as an additional treatment, can effectively contribute to further mitigating these risks.

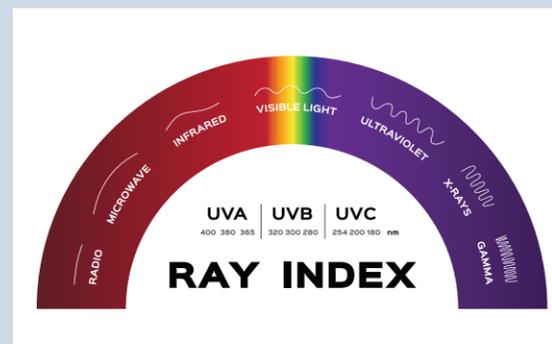
### Recommended Products:

	PRODUCT NAME
SE1000	Flinn Classic Goggle Sanitizer
SE1093	Flinn Digital Goggle Sanitizer
SE1094	Flinn Small Digital Goggle Sanitizer
SE1001	Flinn Goggle Sanitizer Replacement Lamp

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## SURFACE DISINFECTION WITH ULTRAVIOLET LAMPS

Our Flinn UV goggle sanitizers use a UV-C Germicidal bulb that emits very short ultraviolet wavelengths of light. Studies have shown that UV-C light damages the DNA of bacteria, viruses, and other pathogens to prevent replication. Five-minute exposure of UV light will kill over 99.5% of all bacteria present.



## Signage

As communication and safety has become critical, we've created signs to support businesses and education institutions to share important health and safety information.

From social distancing to hand washing, signs communicate vital safety information. Our offering of safety signs meet the needs for many businesses and schools to fit a variety of applications related to current events. Our signs are fabricated from lightweight, waterproof 1/32" plastic, making them easy to install, clean and sanitize. Great for indoor applications.

### CDC RECOMMENDS:

Signs and Messages

Post signs in highly visible locations (e.g., school entrances, restrooms) that promote everyday protective measurespdf icon and describe how to stop the spreadpdf icon of germs (such as by properly washing hands and properly wearing a cloth face coveringimage icon).

Broadcast regular announcements on reducing the spread of COVID-19 on PA systems.

Include messages (for example, videos) about behaviors that prevent the spread of COVID-19 when communicating with staff and families (such as on school websites, in emails, and on school social media accounts).

[CDC Considerations for Schools](#)

8X6 SIGNS— [full selection here](#)



6X8 SIGNS— [full selection here](#)



8X8 SIGNS— [full selection here](#)





## Acrylic Dividers

Protect teachers, students and administrators with personal safety acrylic sneeze guard dividers. Adapt any learning environment to new in-person education guidelines.

- Multiple options are available to fit a wide range of learning environments, including magnetic options
- Choose permanent, semi-permanent or portable options.
- Our custom solutions allow schools and districts to design the perfect dividers for any situation—classic desks, round and rectangular tables, and more. Products can be sized specifically for your needs.

### Recommended Products:

	PRODUCT NAME
AP11168	StructureLite Sneeze Guard Plastic Divider, Square with Screw
AP11032	StructureLite Sneeze Guard Plastic Divider, Magnetic, Round Base
AP11148	StructureLite Sneeze Guard Plastic Divider, Magnetic, Square Base
AP11131	EZ-Grip Sneeze Guard Plastic Divider, Screw-Type
AP11114	EZ-Grip Sneeze Guard Plastic Divider, Magnetic
AP11225	Economy Sneeze Guard Plastic Divider
AP11072	4-Way Divider/Barrier

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### CDC RECOMMENDS:

#### Physical Barriers and Guides

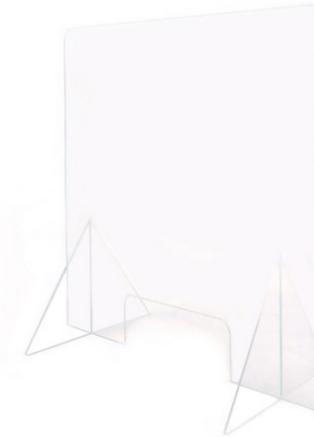
Install physical barriers, such as sneeze guards and partitions, particularly in areas where it is difficult for individuals to remain at least 6 feet apart (e.g., reception desks).

Provide physical guides, such as tape on floors or sidewalks and signs on walls, to ensure that staff and children remain at least 6 feet apart in lines and at other times (e.g. guides for creating “one way routes” in hallways).

#### [CDC Considerations for Schools](#)



## Acrylic Dividers

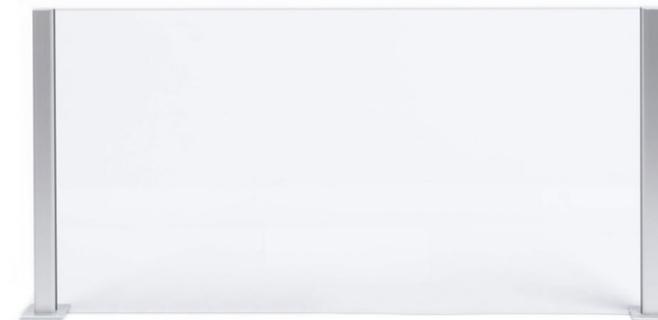


**Economy Kit**  
Acrylic barrier  
Easy-to-assemble acrylic legs



**EZ Grip Magnetic Base Kits**  
Assembled EZ Panel Gripper with magnetic base plate  
2.5" Diameter magnet mounting plate with adhesive  
3/32" Hex key wrench for assembly  
Acrylic barrier (sized to order)

**EZ Grip Screw Base Kits**  
Assembled EZ Panel Gripper screw plate  
EZ Panel Gripper mounting screws  
3/32" Hex key wrench for assembly  
Acrylic barrier (sized to order)



**Square StructureLite Magnetic Post Kits**  
Structurelite square aluminum posts  
2.5" Diameter magnet mounting plate with adhesive  
Square extrusion end caps with thread mounts  
Structurelite square post bases with set screw  
5/32" Hex key wrench for assembly  
Plastic Spline (sized to order)  
Acrylic barrier (sized to order)

**Square StructureLite Screw Post Kits**  
Structurelite square posts  
Structurelite mounting screws  
Square extrusion end caps with thread mounts  
Structurelite square post bases with set screw  
5/32" Hex key wrench for assembly  
Plastic Spline (sized to order)  
Acrylic barrier (sized to order)



**Round StructureLite Magnetic Post Kits**  
Structurelite round posts  
2.5" Diameter magnet mounting plate with adhesive  
Round extrusion end caps with thread mounts  
Structurelite round post bases with set screw  
5/32" Hex key wrench for assembly  
Plastic Spline (sized to order)  
Acrylic barrier (sized to order)

**Round StructureLite Screw Post Kits**  
Structurelite round posts  
Structurelite mounting screws  
Round extrusion end caps with thread mounts  
Structurelite round post bases with set screw  
5/32" Hex key wrench for assembly  
Plastic Spline (sized to order)  
Acrylic barrier (sized to order)

# COVID-19 SCHOOL SAFETY GUIDE

## Recommended PPE

### GYMNASIUM

**Concerns:** Social Distancing, Shared Items, Cleanliness.

**Recommended Products:**  
 Sanitizing Stations at Each Entrance and Exit  
 Designated Entrance and Exit Signage  
 Limited Space and Social Distance Signage  
 Disinfectant wipes  
 Soapy water and rags

### LOCKER ROOM

**Concerns:** Social Distancing, Increased Saliva, Cleanliness. Mark lockers to be closed every 4 lockers.

**Recommended Products:**  
 Hand Sanitizing Station  
 Multi-Surface Spray Sanitizer/Disinfectant  
 Designated "Contamination" Area for Anything Touched that Needs to be Cleaned  
 Acrylic Dividers for Sinks  
 Signage

### CLASSROOMS

**Concerns:** Social Distancing, Shared Items, Cleanliness,

**Recommended Products:**  
 Disinfectant Wipes  
 Multi-Surface Spray Sanitizer/Disinfectant  
 Designated "Contamination" Area for Anything Touched that Needs to be Cleaned  
 Acrylic Dividers where 6' Cannot be Maintained

### ART & MUSIC ROOMS

**Concerns:** Social Distancing, Increased Saliva, Cleanliness. All items must be 1-1 use—no shared equipment.

**Recommended Products:**  
 Disinfectant Wipes  
 Multi-Surface Spray Sanitizer/Disinfectant  
 Designated "Contamination" Area for Anything Touched that Needs to be Cleaned  
 Acrylic Dividers where 6' Cannot be Maintained

### SHARED RESOURCE ROOM

**Concerns:** Social Distancing, Shared Items, Cleanliness,

**Recommended Products:**  
 Hand Sanitizing Station  
 Disinfectant Wipes  
 Multi-Surface Spray Sanitizer/Disinfectant  
 Designated "Contamination" Area for Anything Touched that Needs to be Cleaned  
 Acrylic Dividers where 6' Cannot be Maintained

### MAIN ENTRANCE

**Concerns:** Social Distancing, Shared Items, Cleanliness

**Recommended Products:**  
 Hand Sanitizer Station  
 Infrared Thermometer Station  
 Signage for Designated Point of Entry  
 Directional Arrows for 1-way Movement  
 Social Distance Signage  
 Masks

### LIBRARY MEDIA CENTER

**Concerns:** Social Distancing, Shared Items, Cleanliness,

**Recommended Products:**  
 Hand Sanitizing Station  
 Disinfectant Wipes  
 Multi-Surface Spray Sanitizer/Disinfectant  
 Designated "Contamination" Area for Anything Touched that Needs to be Cleaned  
 Acrylic Dividers where 6' Cannot be Maintained

### CLASSROOMS

**Concerns:** Social Distancing, Shared Items, Cleanliness,

**Recommended Products:**  
 Disinfectant Wipes  
 Multi-Surface Spray Sanitizer/Disinfectant  
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 Acrylic Dividers where 6' Cannot be Maintained

### SCHOOL TRANSPORTATION

**Concerns:** Social Distancing, Shared Items, Cleanliness

**Recommended Products:**  
 Masks  
 Multi-surface Hand Sanitizer  
 Disinfectant Wipes  
 Infrared Thermometer  
**Staff:** Face Shield and Mask

### CAFETERIA

**Concerns:** Social Distancing, Shared Items, Cleanliness, Increased Spread of Saliva. Students should be encouraged to bring food from home, and disposable materials and pre-packaged food items used. Rigid cleaning protocols must be enforced.

**Recommended Products:**  
 Masks  
 Hand Sanitizing Station  
 Disinfectant Wipes  
 Multi-Surface Spray Sanitizer/Disinfectant  
 Designated "Contamination" Area for Anything Touched that Needs to be Cleaned  
 Acrylic Dividers where 6' Cannot be Maintained  
**Staff:** Full PPE including Aprons or Isolation Gowns, Shoe Coverings, Gloves,

### HALLWAYS

**Concerns:** Social Distancing, Shared Items, Cleanliness,

**Recommended Products:**  
 Signage  
 Hand Sanitizer Station at Points of Congruence

### BATHROOMS

**Concerns:** Social Distancing, Cleanliness.

**Recommended Products:**  
 Acrylic Dividers for Sinks  
 Signage





# FLINN PROFESSIONAL LEARNING

## **TEACHING SCIENCE IN A COVID-19 ENVIRONMENT**

The unique challenges facing educators this fall are many, from how to teach as safely as possible in an onsite environment to how to deliver better remote or distance learning. We've curated some expert opinions to help you move forward, available on-demand.

[View our FREE Instructional Solutions webinar series.](#)

**FLINN  
SCIENTIFIC**

## **ASK ABOUT OUR CUSTOM DISTRICT SOLUTIONS DESIGNED TO SUPPORT A SAFE RETURN TO SCHOOL:**

- Custom safety and professional development/learning proposals to ensure full school safety
- Full PPE for students, faculty, and support staff
- Blended science learning solutions that provide continuity of lab instruction for both onsite & remote learners