Physical security measures are intended to detect, delay, and respond to threats. These security measures are one piece of creating a safe school. There are five elements, including: physical security equipment and technology, school security personnel, security policies and procedures, site and building design, and training drills and exercises. These five elements are intended to be part of a layered approach to school safety. The primary focus of this document is the physical security equipment and technologies element.

Physical security measures may include:

- security cameras
- door locks
- metal detectors
- panic buttons
- lighting
- fencing
PHYSICAL SECURITY MEASURES OVERVIEW

Considering Specific Measures

This section provides considerations for implementing physical security measures based on current research. Please be sure to do your own research before selecting a security measure.

**Security cameras** need dedicated staff to monitor and respond throughout the school day. Using security cameras inside schools has been associated with students feeling less safe. Yet, researchers report evidence that some use of cameras on the outside of the school buildings increase students’ feelings of supportiveness in schools. Careful placement and consideration of school climate is important before installing.9, 19

**Interior door locks** can be effective at keeping people safe during an active shooting event, and should be paired with drills that ensure those in the building and first responders know the process for using them.20, 21

Researchers report some evidence that **metal detectors** deter students from bringing weapons to school and can detect and prevent weapons from entering school buildings. However, they can also increase other forms of violence by making the school a less welcoming environment. School climate should be considered before installing.10, 11, 13-15, 21
Researchers have shown that faster response times in an active shooting event can support better outcomes. **Panic buttons** and other types of communication technologies are a tool that can encourage communication with first responders in an active shooting event. ²²

One of the principles of Crime Prevention Through Environmental Design, natural surveillance, calls for using environmental design to enhance visibility in a space. **Proper lighting** plays a role in encouraging natural surveillance. ¹⁷

Access control, another principle of Crime Prevention Through Environmental Design, encourages the use of strategies that limit access to properties. **Fencing, controlled entrances, and other perimeter control measures** can be a useful tool for limiting access to the school building. ¹⁸, ²¹

Remember that physical security measures are one piece of an effective safety plan. No matter what physical security measure you are considering, think about how it fits into your comprehensive plan. Make sure you consider how to communicate about your chosen measures with school community members including students, teachers, parents, and first responders. They will need to know how those measures work in order to use them effectively.
Key Considerations

If staff are appropriately trained, physical security measures can be useful in an emergency or when an event is occurring. Here are some considerations before implementing physical security measures:

Planning for any physical security updates should begin with a comprehensive risk assessment that identifies gaps in campus, building, and classroom security.

Researchers have found that physical security measures are just one of the necessary components of school safety. A positive and supportive school climate is one of the most important parts of prevention, and school climate and physical security have been found to be directly related.²⁻⁷

Many researchers have found that school security measures can result in students and parents perceiving school as less safe. A survey of 3,780 students in the United States showed that every increase in security measures increased the odds of students feeling fearful by 23%.², 5, 8⁻¹³

Physical security measures can find objective and visible behaviors, like fighting and stealing. However, they are not as effective in handling other forms of violence, like bullying or threats.⁵, 14, 15
Talking With Vendors

This section suggests topics and specific questions to ask a vendor before implementing a physical safety intervention.

**Maintenance**
- What if it breaks?
- How quickly can you repair it?
- Do I need to buy a subscription?
- How often do I need to renew my subscription?
- What is included with my subscription?
- Can I bundle services?
- How burdensome is it to operate/train?

**Research**
- Are there studies you can share with me?
- Is there data that suggests effectiveness?
- Is that data based on grade level?
- How do different students feel about the product?
- How do school personnel feel about it?

**Installation**
- How much construction is required?
- How disruptive will it be?
- Can it be scheduled during off hours or summer?
- What are my options as far as placement?
- For cameras and metal detectors, where should they be installed?
- If I want to see a certain location, how can I do that?

**Training**
- Is training required?
- How much training is needed?
- Who needs to be trained?
- Do you offer training?
- How often will people need to be trained?
- Is there training for students?
- Is there training you will give me to give to students?

**Satisfaction**
- What if we're not satisfied with the service?
- Are there testimonials you can share with me?
- What do other schools say about this?
- What kinds of positive and negative feedback have you received?
PHYSICAL SECURITY MEASURES OVERVIEW

Additional Resources

For more information, consult these how-to guides:

- K-12 School Security Guide
- Ten Essential Actions to Improve School Safety
- Preventing School Shootings
- The Design of Safe, Secure, & Welcoming Learning Environments
- Partner Alliance for Safer Schools Safety and Security Guidelines

References

References


