# 6 Ways Today's Modern Classroom Displays Might Surprise You

When K-12 educators think of classroom projectors, they may think of bulky machines that cast dimly lit images students can't see well, or heavy equipment that takes away valuable classroom space and requires frequent and inconvenient maintenance. They've often turned to flat panels, assuming that technology was as good as it could get. But they are wrong. Those ideas describe projectors of the past.

**Today's technology has dramatically transformed classroom projectors.**

Not only do projectors operate differently, but now, teachers can integrate them into the classroom to accelerate learning like never before.

With modern projection technology, laser projectors are immersive, interactive, bright and easy to use. These qualities elevate projectors into powerful and engaging classroom learning tools so teachers deliver lessons with more creativity and impact for long-term learning.

For ed tech leaders and educators searching to create a better teaching and learning experience, they're in the right place.

**Here are six surprising concepts about modern projectors that every educator should know.**

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# 1 Projectors have come a long, long way.

Today's laser projectors share little resemblance with those of the past. They have higher resolution, higher contrast ratio, are brighter and show more content.

Although teachers may have flat panel technology already in the classroom, modern laser projectors offer advantages to engage learners that flat panels can't touch.

For example, laser projectors create extra big images that allow every student to see the whole picture, so they can keep up with lessons and learn better. With 65% of the population* being visual learners, offering them information that is easy to see and absorb is key to the learning process.

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## 2 Projectors are more convenient than flat panels.

Heavy. Clunky. Hard to move. That's the impression educators may have of old projector technology. And that's still the reality for flat panels, which can weigh more than 100 pounds.[1]

But just as the technology powering everything from cars to mobile phones to watches has gotten faster and smaller, the same is true for projectors.

Epson laser projectors for classrooms weigh between 15 and 30 pounds, which means they can help make mobility easy for both teachers and IT. Having the flexibility to make changes as necessary is crucial in today's modern classrooms, especially for schools and districts that might have shortages of classroom space, teachers, and technology. Epson projectors are the go-almost-anywhere, move-anytime, see-virtually-everything solution for today's connected classrooms.

Projectors can help make mobility easy for both teachers and IT.

# **3** **Projectors can help educators teach better.**

Modern laser technology allows content to be extra large, more eye-catching and immersive. With classroom sizes increasing each year, it's vital to make sure all students can clearly see the material so they stay engaged.

Modern projectors can assist with that. With a display size of up to 160 inches, these projectors are more than four times the size of 75-inch flat panels. With 1:1 device sharing, every student can see the whole picture and can fully participate in the lesson.

Projectors like Epson allow educators to creatively present up to four pieces of content together, using visual ratios that make sense. Instead of being limited to the parameters of a single-sized flat panel, our standard ultra short-throw projectors can project up to 160 inches of diagonal image size.

These large images help bring lessons to life, and classroom teachers are making the most of this technology. Knowing students learn differently, the visual aid that projectors create, coupled with the teacher's discussion, offers multiple modalities to help students better understand the lessons. Additionally, when discussing locations, such as while using Google Maps or Google Earth, the life-like images bring far-off places into the classroom.

Larger images help bring lessons to life.

## 4 Modern projectors are a snap to use.

Educators' plates are already full. They have little time to learn to use complicated technology or to frequently maintain the technology they use. Fortunately, today's modern laser projectors are low maintenance and engineered for reliability. Teaching time isn't interrupted by unexpected glitches.

For example, old projectors used bulbs to cast images. These bulbs burned hot and needed frequent replacing. In contrast, modern laser projectors are bulb-free, offering up to 30,000 hours of virtually maintenance-free laser light source.[2]

Another significant advantage of projectors is that they can cast images on a wall. Just point the projector toward the wall and turn it on. No need to interrupt the class to pull down and adjust a screen. The seamlessness aspect of the technology means educators can use it easily and frequently.

Modern laser projectors are bulb-free.

# **5** Projectors let teachers keep their whiteboards.

One of the biggest concerns educators mention is not having the visual space they need to teach. Flat panels can take up valuable space from whiteboards.

But Epson projectors can transform virtually any flat surface into a virtual screen. Whether it's a wall or a dry-erase board, it can become an interactive display at the ready. They can be used together, or when the display is done, simply turn the projector off and continue with the lesson.

With more space to teach, projectors make it easier for kids to see — and learn — the entire lesson.
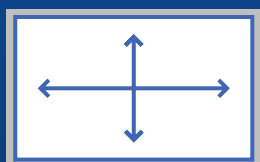
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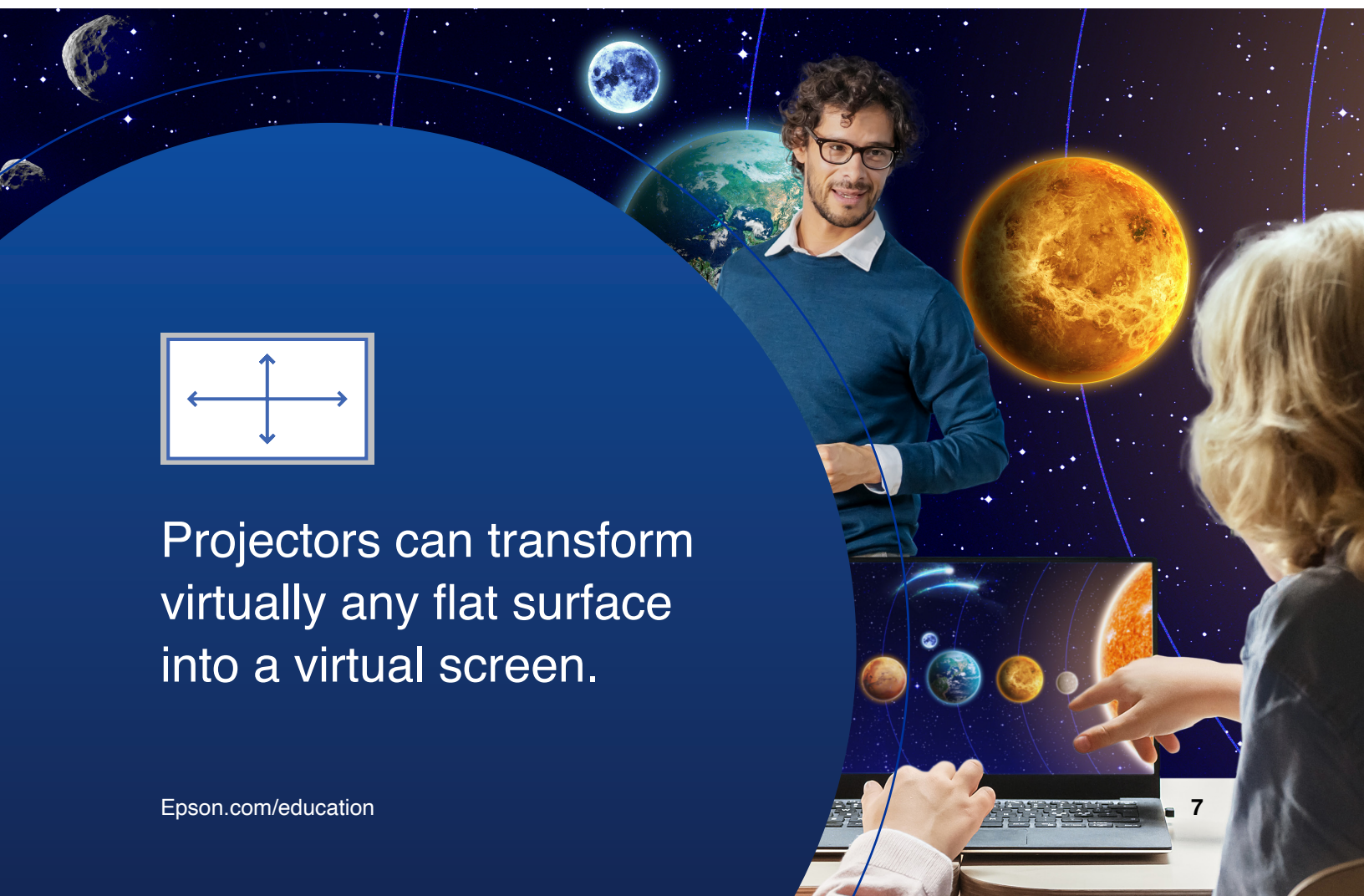
# 6 Projectors benefit classrooms now… and in the future.

Epson has long held a reputation for developing products that are engineered for reliability and easy to use. That's no different when it comes to laser projectors.

Simple installation, setup, and seamless integration help educators quickly make the most of the technology now, and for years to come. What's more, Epson's expertise means product updates and software tools can help ensure a state-of-the-art teaching tool.

It's a solution designed to help support educators and help boost student engagement for long-term learning.

Simple installation, setup, and seamless integration help educators quickly make the most of the technology.

It's time for educators to be "in the know," and reimagine the many ways they can use today's modern laser projectors in the classroom.

Far from being old school, today's modern projectors, like Epson laser projectors, are an integral part of the learning experience. Their interactivity, scalability, simplicity, and portability are an exciting and efficient addition to the classroom. There, they deliver immersive experiences that foster engaging educational environments and strong learning outcomes.

Discover how today's laser projectors can accelerate classroom teaching and learning.

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