



# 3D READY DLP® PROJECTORS

## Improve Test Scores. Teach in 3D.





*Test Scores improved  
an average of 32% after  
seeing a lesson in 3D!*



## How does 3D DLP technology work?

DLP technology uses millions of microscopic mirrors that reflect light to create a stunning picture for the best projectors on the market. This imaging technology is so fast, it can actually project TWO images on the screen at the same time: One for the left eye and one for the right eye. Then 3D glasses combine the two images to create an amazing 3D effect!

DLP 3D technology is available from a wide variety of projector manufacturers. Learn more about projectors with DLP 3D technology at [www.dlp.com/projectors/3D](http://www.dlp.com/projectors/3D).



The remarkable DLP® chip



# Get ready for the 3D revolution in Education

The innovators who captured the imagination of movie-goers in the theatre with 3D technology are now bringing the same attention grabbing technology to students in the classroom.

Welcome to the new age of 3D classroom projectors powered by DLP technology from Texas Instruments.

**With 3D, lessons come to life in a whole new way.**

Literally add a whole new dimension of excitement and accessibility to subjects like geography and history by allowing students to feel like they are there. It's an unprecedented educational opportunity.

In the immersive teaching environment provided by 3D DLP projection, students experience clear and complete visualization of difficult concepts and subject matter. And the excitement level is off the charts!

## Research Proves 3D Improves Test Scores!

A recent government funded study on the effect of the use of 3D in the classroom produced remarkable results. The study done in Rock Island, Illinois showed that students' pre-test vs. post test scores improved up to 35% after seeing a lesson in 3D compared to the mere 9.7% increase experienced by the control group who did not view the 3D lesson.

Furthermore, when the data was broken down by subgroups including socioeconomic status, ethnicity, male/female and math ISAT scores, all groups showed gains from 29% to 35%. And 3D presentations of math concepts increased scores for females slightly more than males – helping to close the traditional gender gap in math. As one student in the study remarked, “If I could learn everything this way, my grades would go from Fs to A+s.”

# Where can I find out more? [www.dlp.com/projectors/3d](http://www.dlp.com/projectors/3d)



## A DLP projector is like 2 projectors in 1!

A 3D ready DLP projector typically costs no more than a standard 2D projector. A DLP projector is like 2 projectors in 1! Unlike other 3D technologies, you only need one projector to create vivid 3D imagery.

3D ready projectors with DLP technology function normally as a regular 2D projector, and when you play 3D content, it can switch from 2D to 3D and back again. They are incredibly easy to use and available from a wide variety of manufacturers.

## So, how do I get started with DLP 3D?

The 3D-ready DLP projector is the starting point. Even if you don't implement a 3D curriculum right away, it is important that your projector is ready for 3D when you are. When you want to create that 3D experience, you will need a few other components including:

- PC with a quad buffered graphics card
- "Active" 3D glasses with DLP Link™
- 3D content

## What is DLP Link™?

DLP Link is the amazing technology that allows the DLP 3D projector to seamlessly share data with the active glasses. This data sharing enables the projector to send 3D information to the glasses in between each frame of video to create the effect. The result is the most astonishing and immersive 3D viewing experience possible.

3D glasses with DLP Link are  
available from the following.

XpanD  
[www.xpand3dtv.com](http://www.xpand3dtv.com)





## Is 3D content available now?

Yes! There is already a wide variety of 3D content available today and much more is coming.



## There are so many things you can teach in 3D right now.

- Explore the Grand Canyon
- Deconstruct DNA
- Swim the Great Barrier Reef
- Disassemble the brain
- Fly through the solar system
- Make math concepts POP! and MORE!



3D curriculum is waiting for you to immerse your students. 3D content is available today from:

**Classroom<sup>3</sup>**  
[www.jtmconcepts.com](http://www.jtmconcepts.com)

**Designmate**  
[www.designmate.com](http://www.designmate.com)

**Eon Reality**  
[www.eonreality.com](http://www.eonreality.com)

**Neotek**  
[www.neotek.com](http://www.neotek.com)

**nVIDIA**  
[www.nvidia.com](http://www.nvidia.com)

**Stereoscopic Media Play**  
[www.3dtv.at](http://www.3dtv.at)

*If you have more questions about getting started with 3D from DLP, talk to your manufacturer representative for more detail.*





## Where can I find out more?

Find out more about how 3D projectors can help students retain more information and improve test scores.

[www.dlp.com/projectors/3D](http://www.dlp.com/projectors/3D)

