

Teacher Survey: Thoughts on 3D in the Classroom

A recent Texas Instruments DLP study conducted by Impulse Research, surveyed 500 K-12 educators across the U.S. on their thoughts about the use of 3D projectors in the classroom. Highlights of the survey results include:

- More than 60% of teachers think students would benefit from learning with a 3D projector.
- 62% believe the majority of classroom lessons will be projected in 3D in less than 10 years.
- Almost half of respondents think that using a 3D projector would make them better teachers.
- 93% of teachers think that students would be interested in learning via projected 3D lessons.

Full research data below.

1) DO YOU THINK THAT YOUR STUDENTS BENEFIT OR WOULD BENEFIT FROM LEARNING WITH A 3D PROJECTOR?															
		Gender		Age					School Level			Census Region			
		Male	Female	<30	30-39	40-49	50-59	60>	Elementary	Middle	High	N-East	Mid-West	South	West
BASE: Total	500	113	387	20	76	116	197	80	287	99	112	77	132	171	120
Yes	61%	52%	63%	60%	68%	66%	59%	51%	64%	63%	51%	60%	61%	63%	57%
No	25%	34%	22%	35%	24%	21%	24%	29%	19%	28%	35%	23%	25%	22%	28%
Unfamiliar with 3D learning format	14%	14%	15%	5%	8%	13%	17%	20%	17%	9%	14%	17%	14%	15%	15%

2) BY WHAT YEAR DO YOU THINK THE MAJORITY OF PROJECTED CLASSROOM LESSONS WILL BE PROJECTED IN 3D?

		Gender		Age					School Level			Census Region			
		<u>Male</u>	<u>Female</u>	<u><30</u>	<u>30-39</u>	<u>40-49</u>	<u>50-59</u>	<u>60></u>	<u>Elementary</u>	<u>Middle</u>	<u>High</u>	<u>N-East</u>	<u>Mid-West</u>	<u>South</u>	<u>West</u>
BASE: Total	500	113	387	20	76	116	197	80	287	99	112	77	132	171	120
Sooner than 2015	2%	0%	2%	0%	2%	0%	1%	1%	1%	2%	2%	3%	0%	2%	2%
By 2015	21%	16%	22%	5%	17%	22%	18%	35%	25%	19%	14%	16%	22%	24%	19%
By 2020	39%	36%	40%	35%	41%	38%	46%	26%	39%	39%	41%	32%	43%	42%	33%
By 2025	22%	25%	21%	60%	29%	22%	20%	13%	22%	22%	22%	35%	17%	19%	25%
Later than 2025	5%	9%	4%	0%	4%	6%	4%	13%	4%	8%	6%	4%	10%	5%	3%
Don't know	11%	14%	10%	0%	7%	12%	11%	13%	9%	10%	15%	10%	8%	8%	18%

3) DO YOU THINK USING A 3D PROJECTOR AND THE RESULTING LESSONS MAKE OR WOULD MAKE YOU A BETTER TEACHER?

		Gender		Age					School Level			Census Region			
		<u>Male</u>	<u>Female</u>	<u><30</u>	<u>30-39</u>	<u>40-49</u>	<u>50-59</u>	<u>60></u>	<u>Elementary</u>	<u>Middle</u>	<u>High</u>	<u>N-East</u>	<u>Mid-West</u>	<u>South</u>	<u>West</u>
BASE: Total	500	113	387	20	76	116	197	80	287	99	112	77	132	171	120
Yes	44%	43%	44%	45%	50%	50%	40%	42%	46%	42%	38%	44%	45%	44%	41%
No	56%	57%	56%	55%	50%	50%	60%	58%	54%	58%	62%	56%	55%	56%	59%

4) DO YOU THINK STUDENTS WOULD BE INTERESTED IN BEING TAUGHT WITH PROJECTED 3D LESSONS?

		Gender		Age					School Level			Census Region			
		<u>Male</u>	<u>Female</u>	<u><30</u>	<u>30-39</u>	<u>40-49</u>	<u>50-59</u>	<u>60></u>	<u>Elementary</u>	<u>Middle</u>	<u>High</u>	<u>N-East</u>	<u>Mid-West</u>	<u>South</u>	<u>West</u>
BASE: Total	500	113	387	20	76	116	197	80	287	99	112	77	132	171	120
Yes	93%	87%	95%	95%	90%	93%	96%	88%	95%	91%	88%	96%	91%	95%	90%
No	7%	13%	5%	5%	10%	7%	4%	12%	5%	9%	12%	4%	9%	5%	10%

5) DO YOU CONSIDER CURRENT CLASSROOM TECHNOLOGY TO BE OUTDATED?

		Gender		Age					School Level			Census Region			
		<u>Male</u>	<u>Female</u>	<u><30</u>	<u>30-39</u>	<u>40-49</u>	<u>50-59</u>	<u>60></u>	<u>Elementary</u>	<u>Middle</u>	<u>High</u>	<u>N-East</u>	<u>Mid-West</u>	<u>South</u>	<u>West</u>
BASE: Total	500	113	387	20	76	116	197	80	287	99	112	77	132	171	120
Yes	36%	32%	38%	25%	36%	33%	37%	44%	38%	38%	31%	44%	36%	32%	39%
No	64%	68%	62%	75%	64%	67%	63%	56%	62%	62%	69%	56%	64%	68%	61%

The survey was conducted via telephone with 500 teachers nationwide.

During the survey interview, two people declined to respond to being asked their school level and 11 people refused to give their age.

Research was conducted in June 2011.

The overall sampling error rate for this survey is +/-4% at the 95% rate of confidence

For case studies, video and technical specifications on implementing 3D in your classroom, visit www.dlp.com/3D.



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