Daily Survey: AI in K-12 Schools

YouGov

Sample	1000 U.S. Adult Citizens
Conducted	April 13 - 20, 2023
Margin of Error	±3.4%

1. Do you think that advances in artificial intelligence (AI) will overall have a positive or negative effect on the K-12 education system?

Very positive	9%
Somewhat positive	16%
Neither positive nor negative	21%
Somewhat negative	20%
Very negative	16%
Not sure	18%

2. Which of the following comes closest to your view on how K-12 schools should respond to advances in AI?

Schools should focus on teaching students how to appropriately use AI	52%
Schools should focus on preventing students from using AI	24%
Not sure	24%

3. How necessary do you think it is for K-12 students to learn AI-related skills for their future careers?

Very necessary	19%
Somewhat necessary	42%
Not very necessary	15%
Not at all necessary	9%
Not sure	15%

4. Schools often require students to write essays at home that are later graded by a teacher. Do you think that advances in AI make this type of assignment. . . ?

More useful than in the past	22%
Less useful than in the past	30%
No different than in the past	25%
Not sure	23%

5. If you were a high school student today, do you think you would ever use AI to assist you with an assignment, even if doing so were prohibited?

Yes	32%
No	35%
Not sure	30%
Prefer not to say	3%

6. Have you ever used materials or tools that were prohibited in order to assist you with a school assignment?

Yes	20%
No	61%
Not sure	16%
Prefer not to say	3%

7. Do you think that there is currently software available that is able to accurately distinguish writing done by students from writing produced by AI?

Yes	34%
No	28%
Not sure	38%

Interviewing Dates	April 13 - 20, 2023
Target population	U.S. Citizens, aged 18 and over.
Sampling method	Respondents were selected from YouGov's opt-in Internet panel using sample matching. A random sample (stratified by gender, age, race, education, geographic region, and voter registration) was selected from the 2019 American Community Survey.
Weighting	The sample was weighted according to gender, age, race, education, 2020 election turnout and Presidential vote, baseline party identification, and current voter registration status. Demographic weighting targets come from the 2019 American Community Survey. Baseline party identification is the respondent's most recent answer given prior to March 15, 2022, and is weighted to the estimated distribution at that time (33% Democratic, 28% Republican). The weights range from 0.245 to 4.965, with a mean of one and a standard deviation of 0.432.
Number of respondents	1000
Margin of error	$\pm$ 3.4% (adjusted for weighting)
Survey mode	Web-based interviews
Questions not reported	68 questions not reported.

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1. AI Effect on Education
Do you think that advances in artificial intelligence (AI) will overall have a positive or negative effect on the K-12 education system?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very positive	9%	12%	6%	16%	14%	4%	3%	5%	25%	13%	7%
Somewhat positive	16%	17%	16%	22%	19%	11%	14%	14%	20%	20%	18%
Neither positive nor negative	21%	22%	20%	26%	23%	18%	18%	21%	19%	24%	19%
Somewhat negative	20%	19%	21%	15%	18%	21%	25%	22%	15%	10%	25%
Very negative	16%	15%	16%	7%	10%	23%	19%	18%	8%	9%	14%
Not sure	18%	15%	21%	13%	15%	23%	20%	19%	13%	24%	16%
Totals	100%	100%	100%	99%	99%	100%	99%	99%	100%	100%	99%
Unweighted N	(990)	(472)	(518)	(201)	(234)	(323)	(232)	(677)	(131)	(125)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Very positive	9%	12%	9%	5%	10%	5%	10%	7%	11%	9%	9%	8%	10%
Somewhat positive	16%	25%	12%	12%	25%	10%	13%	19%	19%	14%	13%	18%	18%
Neither positive nor negative	21%	20%	25%	18%	20%	14%	22%	22%	20%	25%	22%	21%	17%
Somewhat negative	20%	22%	16%	24%	20%	27%	19%	20%	22%	12%	25%	21%	18%
Very negative	16%	6%	17%	25%	9%	30%	15%	16%	15%	14%	17%	13%	20%
Not sure	18%	16%	22%	15%	17%	14%	21%	15%	13%	25%	14%	18%	18%
Totals	100%	101%	101%	99%	101%	100%	100%	99%	100%	99%	100%	99%	101%
Unweighted N	(990)	(373)	(368)	(249)	(380)	(327)	(356)	(304)	(235)	(152)	(188)	(407)	(243)

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2. Schools Handle AI

Which of the following comes closest to your view on how K-12 schools should respond to advances in AI?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Schools should focus on teaching students how to appropriately use AI	52%	50%	55%	52%	51%	47%	62%	53%	54%	48%	48%
Schools should focus on preventing students from using AI	24%	30%	19%	29%	28%	24%	16%	23%	27%	28%	21%
Not sure	24%	21%	26%	19%	22%	29%	22%	23%	19%	24%	31%
Totals	100%	101%	100%	100%	101%	100%	100%	99%	100%	100%	100%
Unweighted N	(989)	(471)	(518)	(198)	(236)	(324)	(231)	(677)	(130)	(125)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Schools should focus on teaching students how to appropriately use AI	52%	66%	48%	43%	66%	42%	49%	55%	57%	49%	58%	51%	51%
Schools should focus on preventing students from using AI	24%	19%	24%	31%	17%	32%	23%	25%	28%	22%	21%	26%	26%
Not sure	24%	16%	28%	26%	17%	26%	28%	20%	15%	28%	21%	23%	23%
Totals	100%	101%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%
Unweighted N	(989)	(373)	(368)	(248)	(379)	(325)	(356)	(303)	(236)	(155)	(189)	(403)	(242)

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3. AI Skills Necessity
How necessary do you think it is for K-12 students to learn AI-related skills for their future careers?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very necessary	19%	21%	17%	24%	20%	15%	19%	17%	28%	23%	18%
Somewhat necessary	42%	42%	42%	46%	44%	36%	45%	41%	42%	45%	44%
Not very necessary	15%	15%	15%	17%	12%	18%	12%	17%	8%	12%	16%
Not at all necessary	9%	10%	8%	4%	9%	13%	8%	10%	6%	7%	6%
Not sure	15%	11%	19%	9%	15%	18%	16%	15%	16%	13%	16%
Totals	100%	99%	101%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(993)	(472)	(521)	(198)	(237)	(325)	(233)	(681)	(131)	(124)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Very necessary	19%	22%	19%	16%	24%	16%	21%	20%	19%	21%	19%	20%	17%
Somewhat necessary	42%	49%	40%	36%	49%	38%	36%	47%	47%	35%	47%	42%	41%
Not very necessary	15%	12%	15%	18%	10%	19%	13%	16%	16%	13%	13%	15%	18%
Not at all necessary	9%	5%	8%	14%	6%	13%	11%	6%	9%	10%	10%	8%	8%
Not sure	15%	12%	18%	16%	11%	14%	18%	12%	9%	21%	11%	15%	15%
Totals	100%	100%	100%	100%	100%	100%	99%	101%	100%	100%	100%	100%	99%
Unweighted N	(993)	(374)	(368)	(251)	(380)	(329)	(357)	(303)	(238)	(154)	(188)	(408)	(243)

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4. AI Useful Essays

Schools often require students to write essays at home that are later graded by a teacher. Do you think that advances in AI make this type of assignment. . . ?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
More useful than in the past	22%	25%	19%	42%	30%	12%	8%	19%	37%	23%	22%
Less useful than in the past	30%	33%	26%	19%	31%	31%	36%	31%	24%	28%	26%
No different than in the past	25%	26%	25%	22%	19%	29%	30%	29%	9%	20%	35%
Not sure	23%	15%	31%	16%	21%	27%	26%	21%	30%	29%	17%
Totals	100%	99%	101%	99%	101%	99%	100%	100%	100%	100%	100%
Unweighted N	(990)	(472)	(518)	(198)	(235)	(325)	(232)	(678)	(130)	(125)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
More useful than in the past	22%	29%	20%	16%	23%	16%	19%	24%	27%	23%	18%	23%	22%
Less useful than in the past	30%	27%	29%	33%	30%	40%	24%	34%	33%	28%	32%	29%	30%
No different than in the past	25%	25%	23%	29%	27%	24%	28%	21%	30%	20%	26%	28%	25%
Not sure	23%	19%	27%	22%	20%	20%	29%	21%	10%	28%	24%	20%	23%
Totals	100%	100%	99%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%
Unweighted N	(990)	(372)	(367)	(251)	(379)	(328)	(358)	(302)	(236)	(155)	(188)	(404)	(243)

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5. Personally Use AI if in School

If you were a high school student today, do you think you would ever use AI to assist you with an assignment, even if doing so were prohibited?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Yes	32%	39%	26%	41%	41%	27%	21%	28%	38%	46%	34%
No	35%	35%	34%	31%	29%	36%	42%	38%	29%	25%	35%
Not sure	30%	22%	38%	23%	25%	34%	35%	32%	22%	28%	28%
Prefer not to say	3%	4%	2%	4%	4%	3%	2%	2%	11%	1%	4%
Totals	100%	100%	100%	99%	99%	100%	100%	100%	100%	100%	101%
Unweighted N	(989)	(471)	(518)	(198)	(236)	(322)	(233)	(677)	(130)	(125)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Yes	32%	37%	34%	25%	35%	26%	34%	29%	35%	34%	31%	30%	36%
No	35%	34%	30%	42%	35%	40%	32%	37%	40%	29%	32%	37%	38%
Not sure	30%	28%	32%	31%	27%	32%	31%	31%	23%	34%	34%	29%	24%
Prefer not to say	3%	2%	5%	2%	3%	2%	3%	3%	2%	3%	3%	4%	2%
Totals	100%	101%	101%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(989)	(373)	(366)	(250)	(379)	(326)	(356)	(304)	(236)	(154)	(187)	(406)	(242)

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6. Personally Used Banned Tools in School

Have you ever used materials or tools that were prohibited in order to assist you with a school assignment?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Yes	20%	23%	17%	30%	29%	13%	10%	18%	20%	27%	20%
No	61%	59%	63%	45%	48%	65%	83%	66%	56%	48%	50%
Not sure	16%	15%	18%	19%	18%	20%	7%	15%	11%	22%	30%
Prefer not to say	3%	3%	2%	5%	5%	1%	0%	1%	13%	3%	0%
Totals	100%	100%	100%	99%	100%	99%	100%	100%	100%	100%	100%
Unweighted N	(989)	(468)	(521)	(199)	(235)	(322)	(233)	(677)	(130)	(125)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Yes	20%	25%	17%	17%	21%	16%	17%	19%	26%	19%	18%	18%	24%
No	61%	57%	58%	69%	65%	71%	60%	65%	59%	57%	62%	61%	63%
Not sure	16%	17%	20%	12%	11%	13%	20%	14%	12%	20%	16%	17%	12%
Prefer not to say	3%	2%	5%	1%	3%	0%	3%	2%	2%	4%	3%	3%	1%
Totals	100%	101%	100%	99%	100%	100%	100%	100%	99%	100%	99%	99%	100%
Unweighted N	(989)	(373)	(366)	(250)	(379)	(327)	(357)	(303)	(235)	(154)	(188)	(406)	(241)

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7. AI Detection

Do you think that there is currently software available that is able to accurately distinguish writing done by students from writing produced by AI?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Yes	34%	39%	29%	41%	38%	27%	31%	32%	39%	41%	21%
No	28%	29%	28%	38%	37%	22%	20%	29%	24%	22%	44%
Not sure	38%	32%	44%	22%	25%	51%	49%	39%	37%	37%	35%
Totals	100%	100%	101%	101%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(987)	(471)	(516)	(196)	(235)	(324)	(232)	(676)	(130)	(124)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Yes	34%	45%	25%	32%	38%	32%	28%	35%	46%	36%	28%	35%	36%
No	28%	24%	32%	29%	25%	30%	26%	35%	26%	25%	33%	26%	29%
Not sure	38%	31%	44%	39%	36%	39%	46%	30%	28%	40%	39%	39%	35%
Totals	100%	100%	101%	100%	99%	101%	100%	100%	100%	101%	100%	100%	100%
Unweighted N	(987)	(374)	(365)	(248)	(380)	(325)	(355)	(302)	(237)	(155)	(189)	(400)	(243)

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Interviewing Dates	April 13 - 20, 2023
Target population	U.S. Citizens, aged 18 and over.
Sampling method	Respondents were selected from YouGov's opt-in Internet panel using sample matching. A random sample (stratified by gender, age, race, education, geographic region, and voter registration) was selected from the 2019 American Community Survey.
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Number of respondents	1000
Margin of error	$\pm$ 3.4% (adjusted for weighting)
Survey mode	Web-based interviews
Questions not reported	68 questions not reported.