

**To: Interested Parties****Fr:** Impact Research**Re:** Teachers and Students Embrace ChatGPT for Education**Date:** March 1, 2023

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Our new survey of K-12 teachers and students 12-17 years old shows a remarkable level of adoption of ChatGPT among teachers and students. Both groups clearly recognize the potential of the program's uses for learning. A majority of teachers are already using ChatGPT for their job, as are a third of students. Teachers and students who've used ChatGPT overwhelmingly say it's positively impacted their teaching and learning.

Instead of looking for ways to limit it, both students and their teachers believe we should be finding ways to incorporate ChatGPT into education and use it to its full potential.

**Key Findings**

- **Most teachers, and many students, are already using ChatGPT for their job.** A 51% majority of teachers report using ChatGPT, with higher usage among Black (69%) and Latino (69%) teachers. This includes 40% of teachers who use it weekly and 10% who use it almost every day.

Three in ten teachers have used it for lesson planning (30%), coming up with creative ideas for classes (30%), and building background knowledge for lessons and classes (27%). Middle school and high school teachers are more likely to have used ChatGPT for lesson planning (38% and 35%, respectively), brainstorm for ideas (38% and 34%), and build background knowledge (31% and 34%) than pre-K and elementary school teachers.

A third of students 12-17 say they've used ChatGPT for school (33%), including 47% of those 12-14.

- **Those who've used ChatGPT think it's had a positive impact.** Those with experience with the AI program overwhelmingly praise it: 88% of teachers and 79% of students who've used ChatGPT say it's had a positive impact. Teachers who have *not* used it are more likely to say it's had no impact (44%) than a negative one (10%).

These findings are based on the results of a national survey of N=1002 K-12 teachers and N=1000 students ages 12-17 conducted by Impact Research February 2-7, 2023. The 95% confidence interval for each sample's results is  $\pm 3.1$  percentage points.

- **Teachers are allowing—or actively encouraging—their students to use ChatGPT.** Teachers are *nearly four times* more likely to have allowed students to use ChatGPT (38%) than caught them using it without their permission (10%). Only 15% of students admit to using the program without their teachers' permission.
  - By a 35-point margin, more teachers say “ChatGPT will likely have legitimate educational uses that we cannot ignore” (59%) than say “ChatGPT will likely only be useful for students to cheat” (24%).
- **Teachers and students agree ChatGPT will be important to incorporate into schooling.** Two-thirds of students (65%) and three-quarters of teachers (76%) agree that integrating ChatGPT for schools will be important for the future.
  - Most students think it can help them become better students (68%) and help them learn faster (75%). Teachers agree: 73% say ChatGPT can help their students learn more.
  - Three-quarters of teachers say it could help *them* grow as teachers (77%). Two-thirds of teachers would rather people spend more time developing solutions for how to incorporate ChatGPT into teaching and learning (65%).
  - 79% of students would rather have a teacher working to use technologies like ChatGPT than being scared of them.
- **For teachers and students, ChatGPT is an example of why we need education to modernize.** A clear majority of students (63%) and teachers (72%) agree with the statement that “ChatGPT is just another example of why we can't keep doing things the old way for schools in the modern world.”