

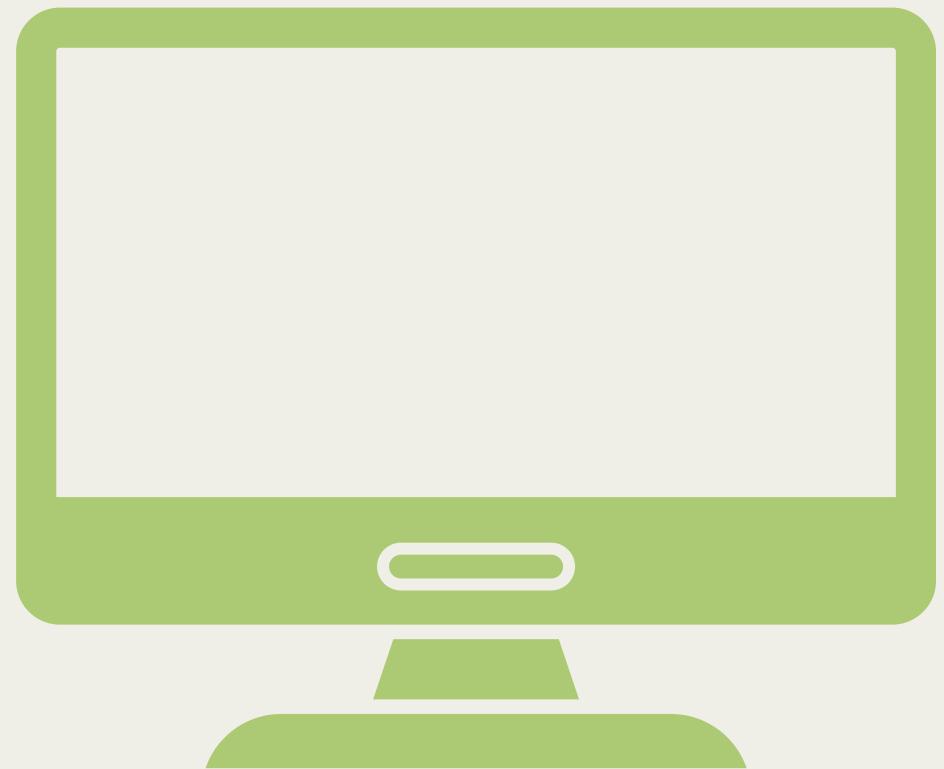
Artificial Intelligence

WEST BRANCH COMMUNITY SCHOOL DISTRICT

Jack Bryson, Will Harter,
Daniela Pintor-Mendoza, Emma
DeGroote, Sydney Nelkin

PROJECT STATEMENT

AI Implementation and Fighting Teacher Burnout

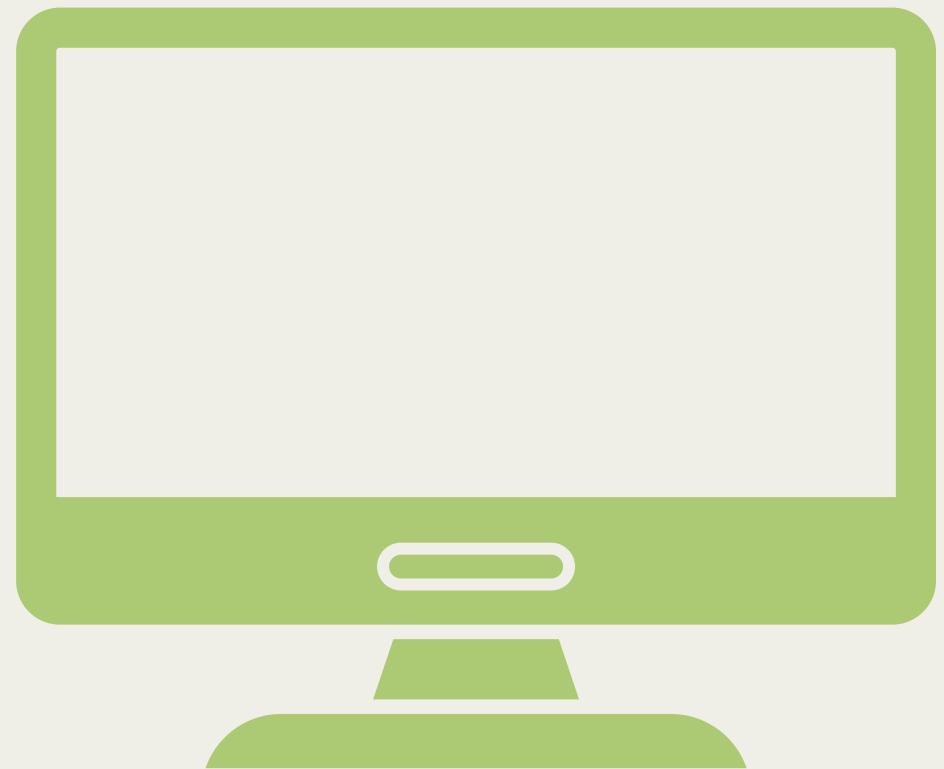


PROJECT STATEMENT

AI Implementation and Fighting Teacher Burnout



82% of students reported using AI in the 2024-2025 school year



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AI Implementation and Fighting Teacher Burnout

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-  **78%** of teachers have considered quitting since the pandemic

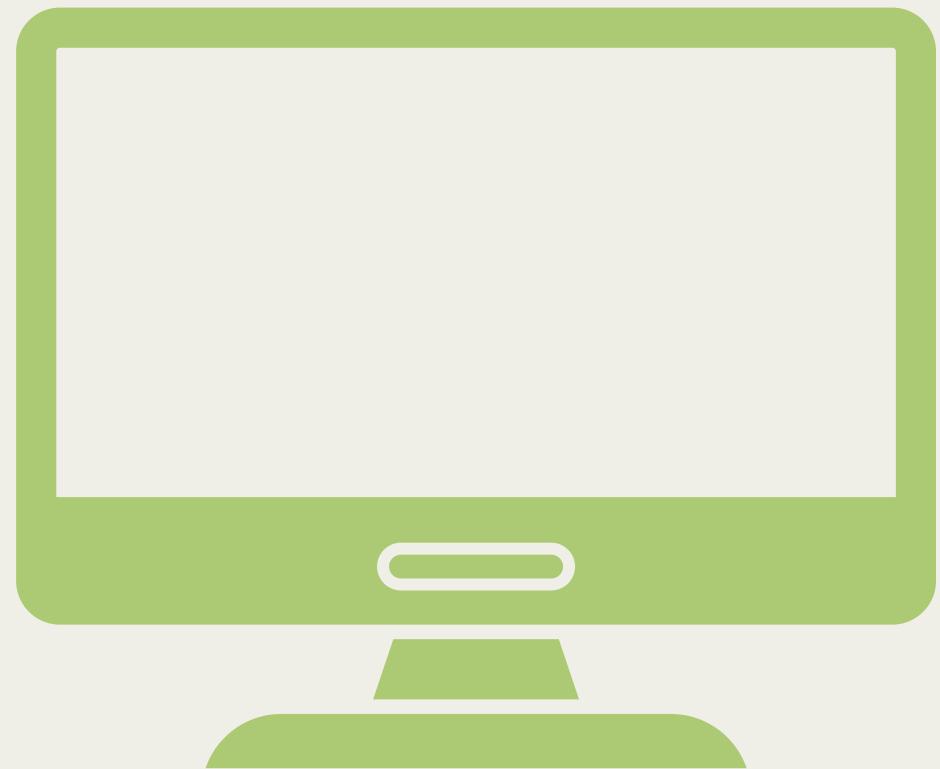


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Goal: Provide Structure for Educators



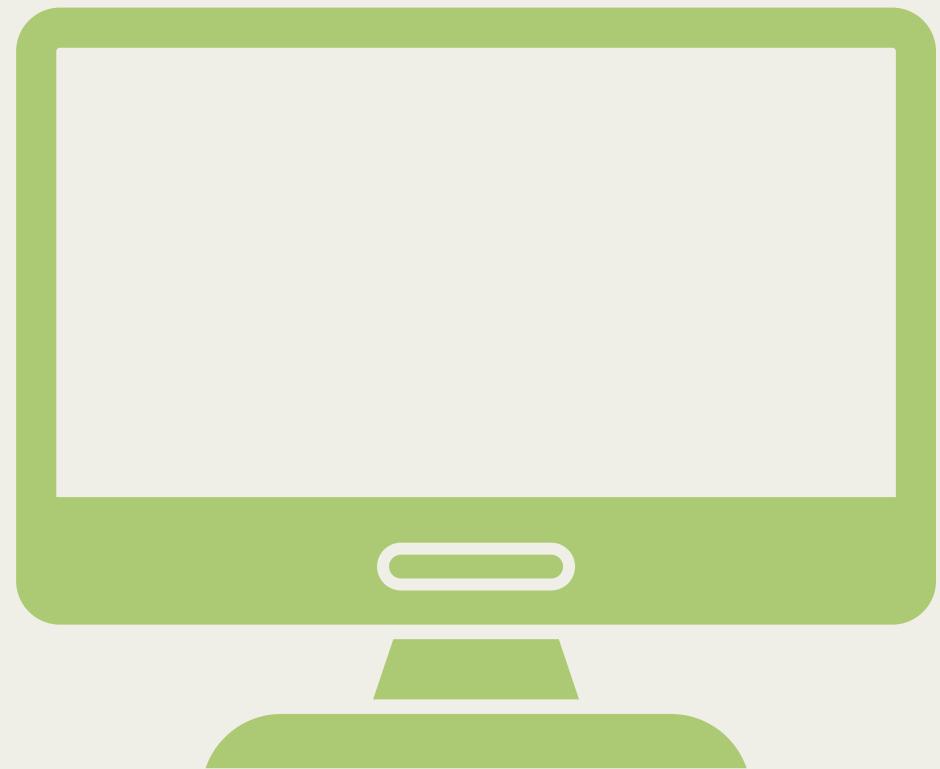
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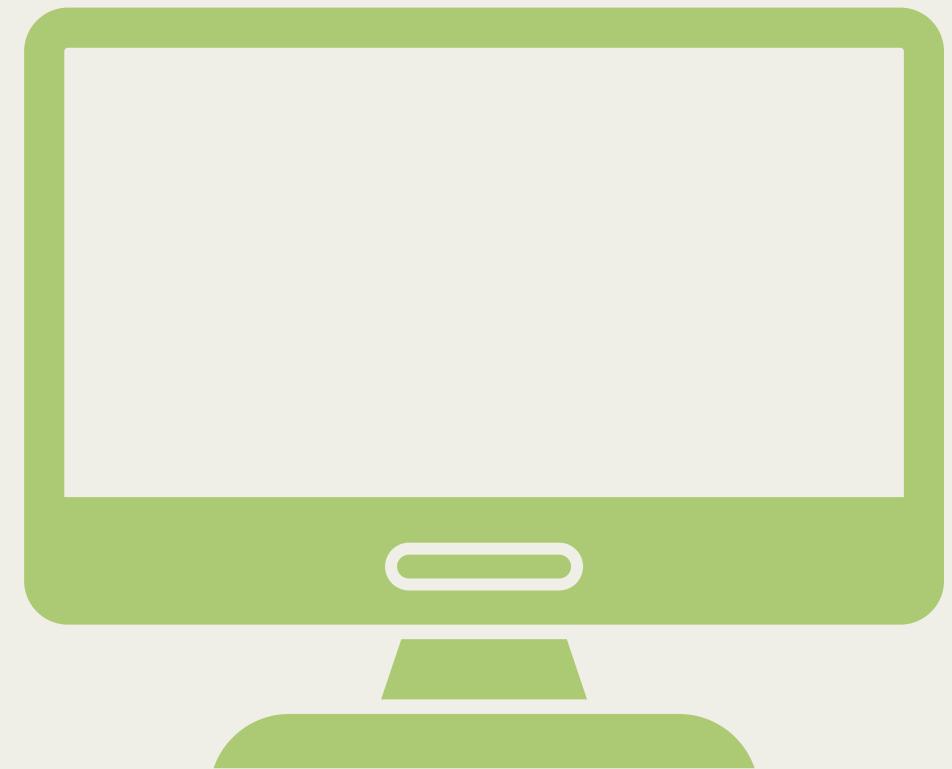
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-  Academic integrity
-  Ethical and responsible use



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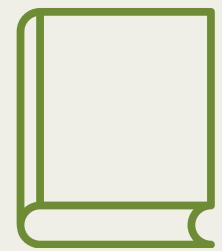
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Goal: Provide Structure for Educators

- ✓ Academic integrity
- ✓ Ethical and responsible use
- ✓ Mental, social, emotional development

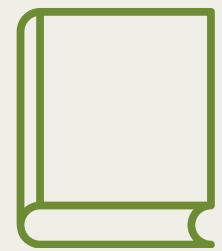
BACKGROUND AND DATA



One in four teachers claim AI does more harm than good in education, with **70%** concerned about effects in learning



BACKGROUND AND DATA



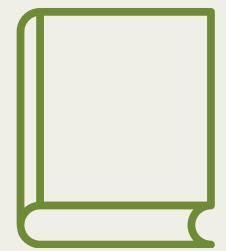
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Teachers who use AI report saving **5.9 hours** a week in preparation on average



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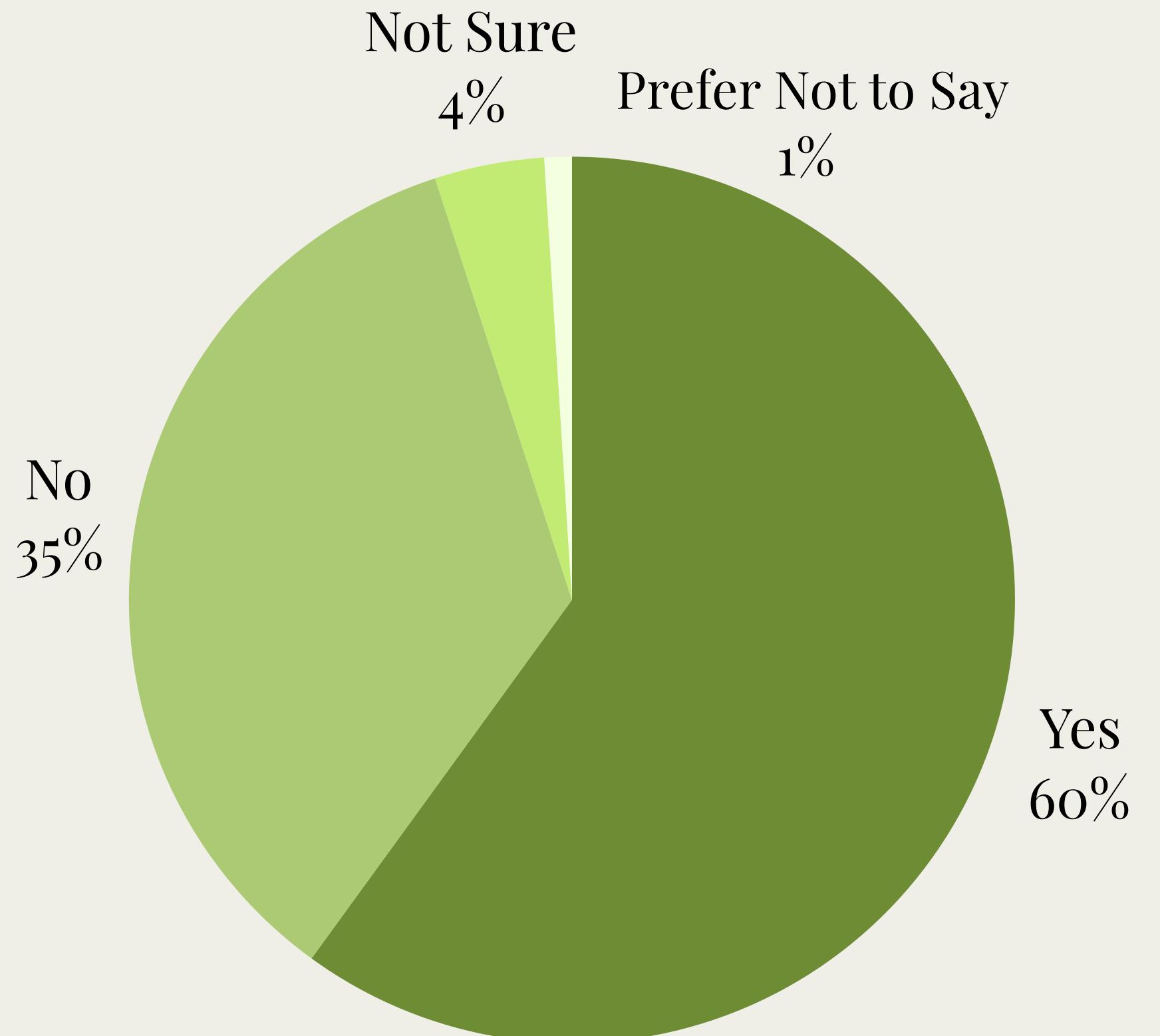


Use by employees in workforce has **doubled** in the past two years



TEACHERS AND AI

Have you integrated AI into your daily teaching practices?*

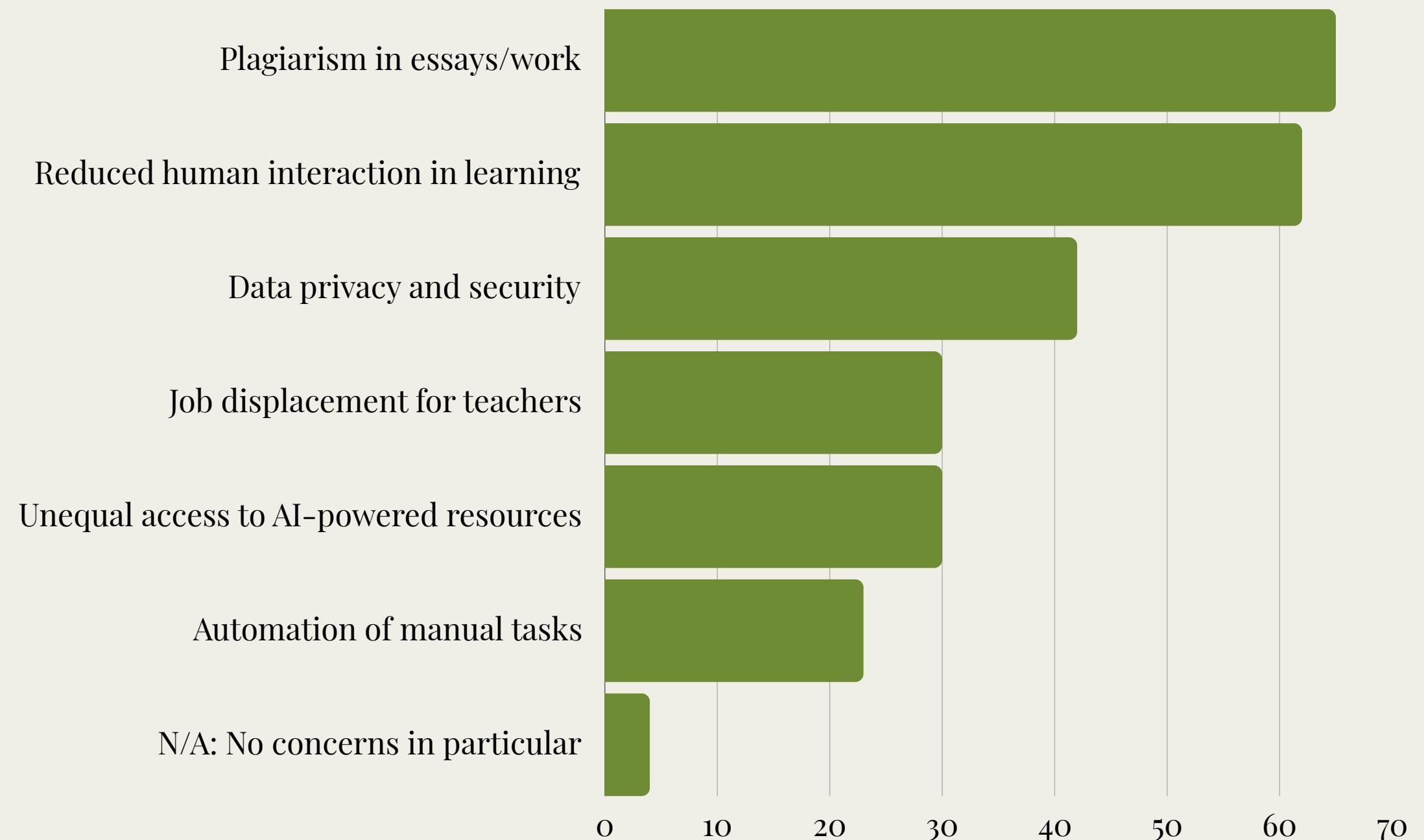


*500 educators surveyed across US

Source: Forbes

TEACHERS AND AI: CONCERNS

Concerns regarding AI
of 500 educators
surveyed by Forbes



BEST PRACTICE

AI Champion Group- Iowa City Community School District



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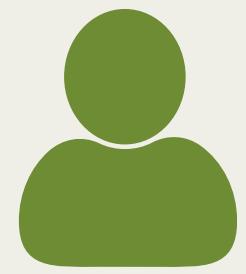


Educators volunteer to evaluate AI programs before use and application in the classroom

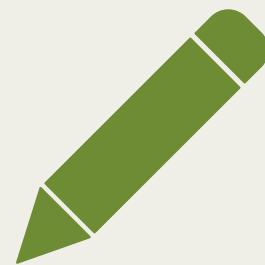


BEST PRACTICE

AI Champion Group- Iowa City Community School District



Educators volunteer to evaluate AI programs before use and application in the classroom



Assess practicality and usefulness of programs



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AI Champion Group- Iowa City Community School District



Educators volunteer to evaluate AI programs before use and application in the classroom



Assess practicality and usefulness of programs



Meet once a month to discuss findings



POLICY RECOMMENDATION #1

Digital AI toolkit for educators

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Digital AI toolkit for educators



Collection of AI tools for education
+ instructions

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Resources on teaching and
promoting responsible use in the
classroom

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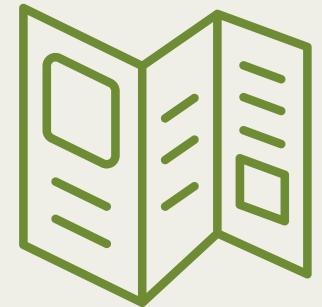
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POLICY RECOMMENDATION #2

Informational flyer about AI for parents

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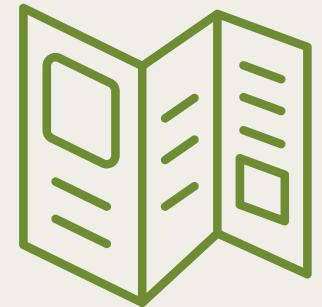
Informational flyer about AI for parents



How LLMs and chatbots work,
benefits and concerns for students

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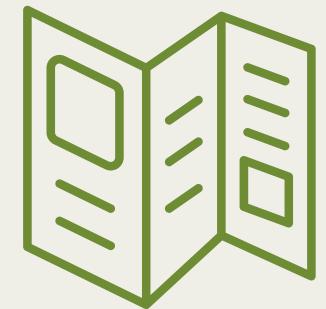
How LLMs and chatbots work,
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Data privacy, mental health, social
impact, bullying, mature content,
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POLICY RECOMMENDATION #3:

Teacher survey grades 5-12

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Teachers' knowledge, usage, and concerns about AI.

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Guide professional development, toolkits, and policies for educators based on survey results

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WORKS CITED

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