



# PPS and Common Sense Media: Artificial Intelligence

December 3, 2024

# Welcome!

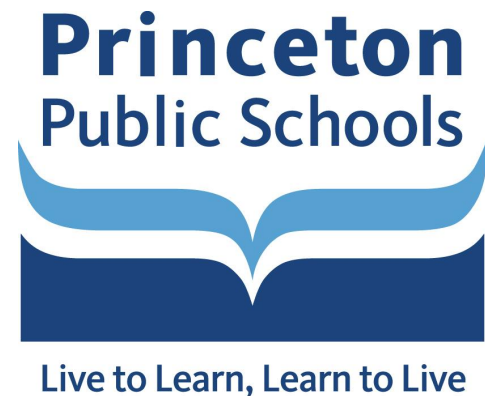
**Kim Tew**, Assistant Superintendent of  
Curriculum and Instruction

**Todd MacDonald**, Chief Technology Officer

***Common Sense:***

**Karla Cosgriff**, Head of NY Office and  
VP of Development + PPS parent

**Tali Horowitz**, East Coast Education Director





# Tonight's Focus

## A Partnership Between Home and School

### Agenda:

- AI Overview and Research
- Discussing technology values
- District policy and approved usage/platforms
- How some of our teachers and students are using AI



# PPS AI Summit



## Collaborative Effort

Included various stakeholders:

- BOE members
- District and school administrators
- Technology Department
- PHS students
- K-12 Teachers, Librarians, Counselors, Related Service Providers

## Goals for Summit

- Support innovative teaching and learning in the age of AI
- Acknowledge AI's limitations, including bias, hallucinations, copyright infringement, and age restrictions
- Provide considerations of AI's impact upon academic integrity, acceptable use policies, and instructional practices (AI-resistant assignments, clarity about when students may use AI)

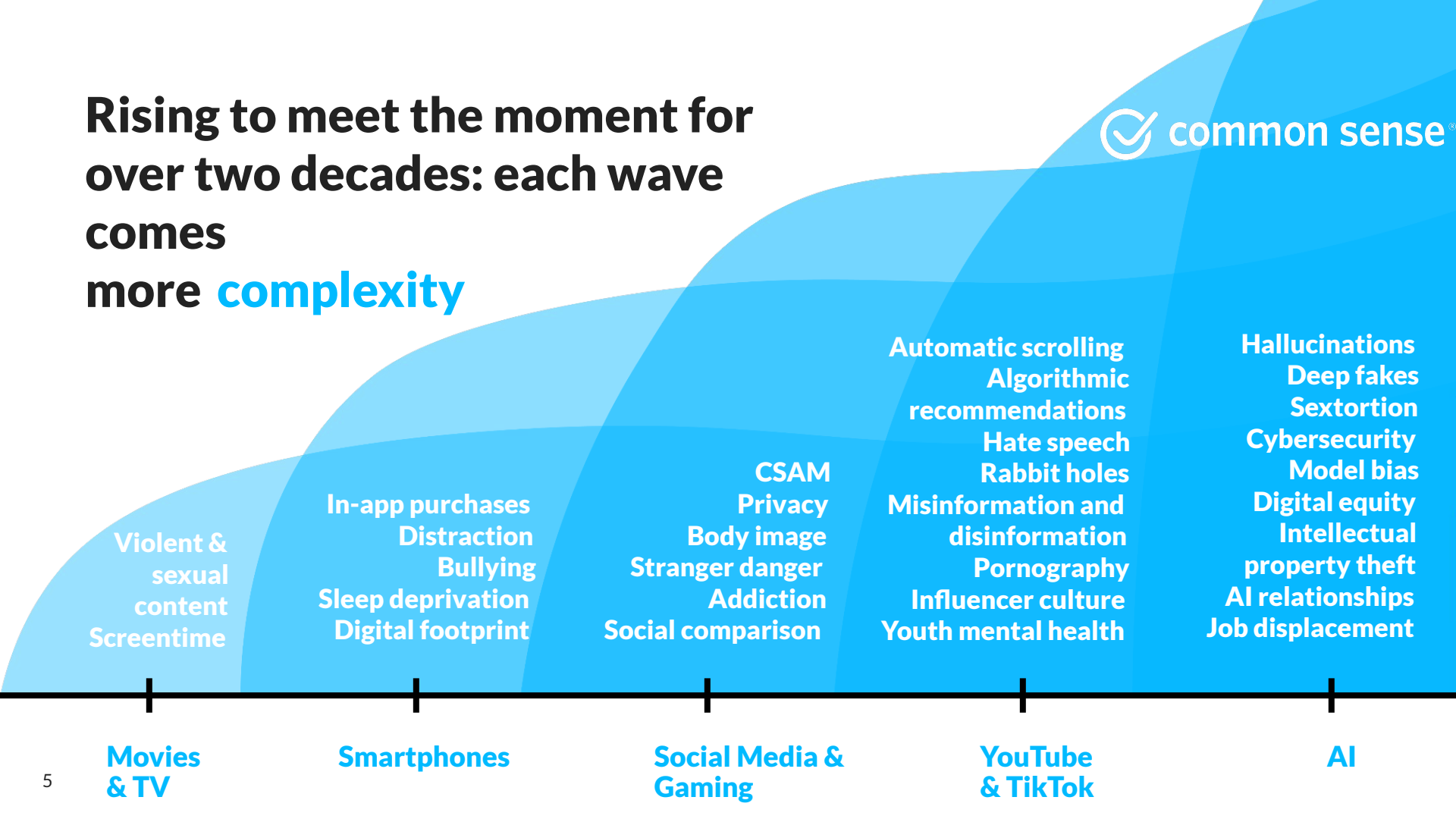
## Outcomes

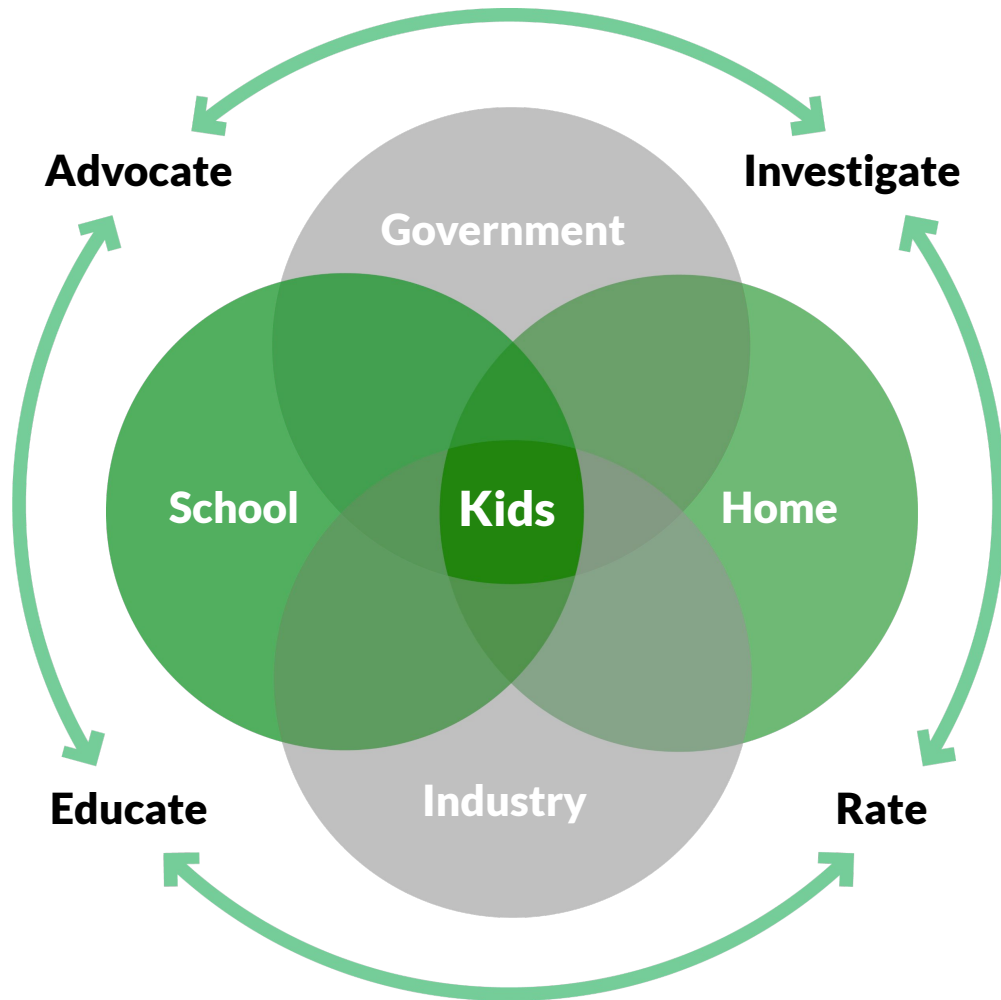
Developed:

- AI Policy
- AI Plan
- AI Professional Development
- PPS AI Website



**Rising to meet the moment for  
over two decades: each wave  
comes  
more **complexity****





## A Systems Approach

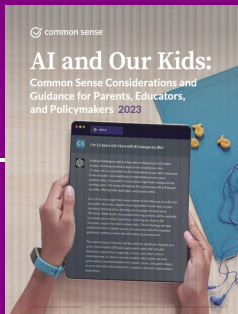
Our programs focus on both **individual change** & **structural change** to ensure kids thrive in our digital world.



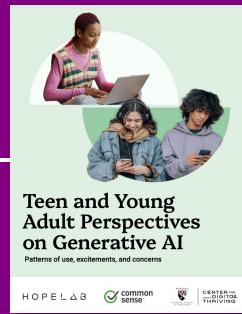
# Research on AI

Our early and ongoing research and analysis includes **perspectives from teens, parents, and educators** articulating important considerations around the AI landscape.

Q2, 2023



Q2, 2024



Q3, 2024



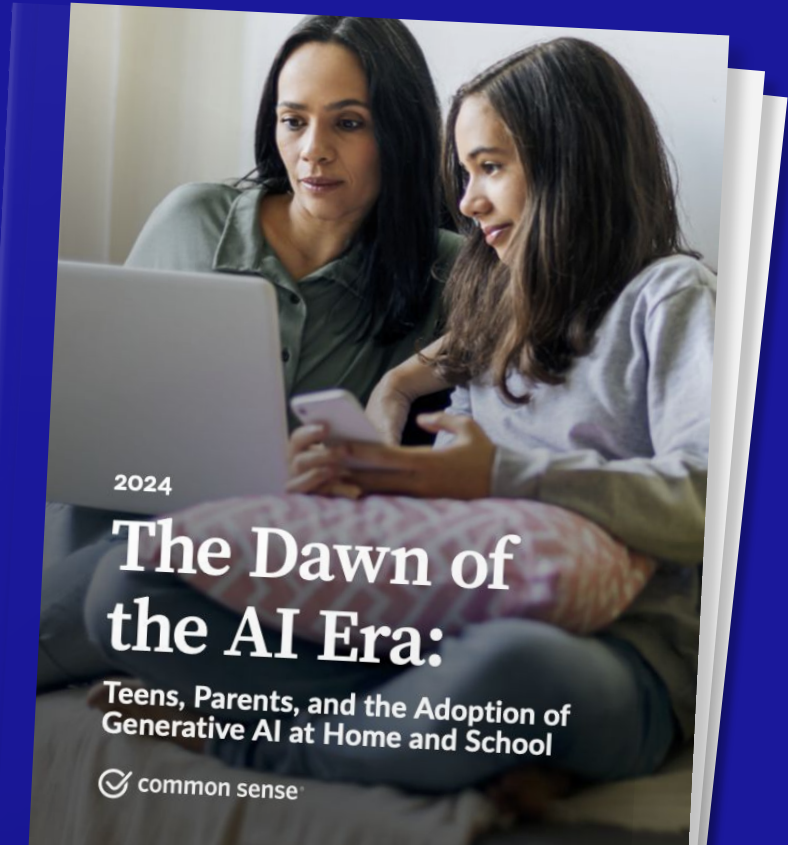
Q4, 2024



## Generative AI at Home and School

- 70% of teens have used at least one type of gen AI tool
- 53% are using gen AI for homework help.
- Only 37% of parents with teens using gen AI know that their children are using these tools.

## Recent Research:





Seven in 10 teens age 13-18 have used at least one type of generative AI tool.

Search engines with AI-generated results and chatbots are considerably more popular than image and video generating tools.

## Teens most often use AI-supported search

Percent of teens who use the following types of generative AI tools

Search engines NET



Chatbots



Image generators



Video generators



■ Daily ■ Several Times Per Week  
■ A Few Times Per Month or Less

Teens are using gen AI to stave off boredom almost as much as they're using it for homework help.

## Teen Purpose of Gen AI Use

Teens are using gen AI for two different types of activities: Formal/Educational and Personal

Formal/Educational	Personal
<ul style="list-style-type: none"><li>• Help you with schoolwork (53%)</li><li>• Translate something from one language to another (41%)</li><li>• Brainstorm ideas (38%)</li><li>• Write a document or email (35%)</li></ul>	<ul style="list-style-type: none"><li>• Keep me from being bored (42%)</li><li>• Create content as a joke or to tease another person (19%)</li><li>• Get advice on a personal issue (18%)</li><li>• Plan an activity (16%)</li></ul>



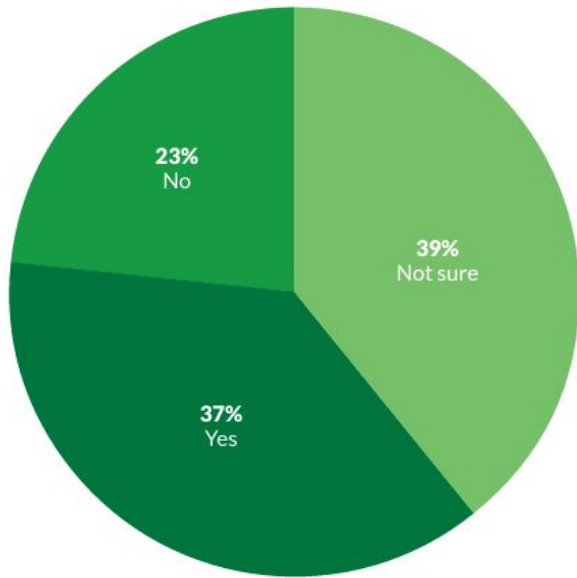
**Most parents are in the dark about their child's generative AI use. And the majority are not having conversations about gen AI with their child.**

**Just 37% of parents** whose teen reported using **at least one** generative AI platform in our survey **thought their child had already used gen AI.**

**Almost half (49%)** say they have **not talked** about gen AI with their child.

### **Most parents out of the loop around their teen's use of generative AI**

% of parents whose teen has used at least one gen AI platform who indicate awareness of that use



**Note:** Q: "To your knowledge, has your 13- to 18-year-old child ever used generative AI?" The respondents included in this chart were 763 young people age 13-18 who have used at least one generative AI platform and their parents. **Source:** Common Sense Media survey conducted by Ipsos, March 15-April 20, 2024, with 1,045 young people age 13-18 and their parents.

# Youth Perspectives on AI

AI is the future

The world is changing

AI is very creepy

I really cannot wait to  
see how it evolves

AI concerns me

The world is **changing** and teens see a role for adults in supporting their use of generative AI.

Teens want adults to know that they **use generative AI for schoolwork beyond cheating**, though cheating does happen.

With respect to social connection, creativity, and identity exploration, AI can offer a **safe place for asking questions, a way to seek comfort and companionship, and a space for creativity and fun.**

Similarly, young people want adults to know about potential AI-related harms, such as those connected to **bullying and lying.**



### **Authenticity**

being myself, being genuine,  
knowing who I am



### **Balance**

being intentional about  
my time and focus



### **Connection**

building and keeping close relationships,  
being there for friends and family,  
making new friends



### **Emotional Health**

accepting myself for who I am,  
mental health, self-confidence



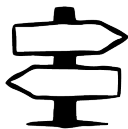
### **Gratitude**

appreciating the life  
and things I have



### **Hard Work**

striving academically, taking steps  
toward my future career



### **Independence**

thinking for myself,  
making my own decisions



### **Justice**

standing up for  
what is right and fair



### **Kindness**

being considerate, helpful, and  
caring—to myself and others



### **Open-Mindedness**

willing to consider new ideas,  
listen to others, learn and grow



### **Physical Health**

taking care of myself physically,  
including sleep, food, and  
movement



### **Presence**

being present in the moment,  
giving people my full attention



### **Privacy**

having boundaries, respecting  
others' boundaries, protecting  
myself



### **Spirituality**

leaning into my faith, spirituality,  
and/or enlightenment

**What value  
would you add?**

# What are your top 2-3 Values right now and why?

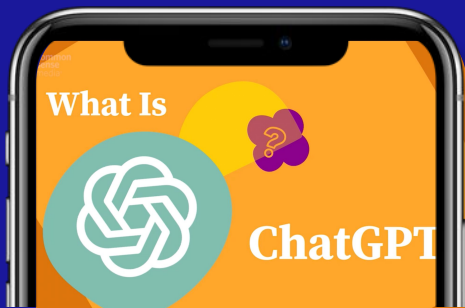


**What's the first thing you do on your phone every day?**

**Does this phone habit support or hinder the 2 values you just named?**

# Our AI Resources

Common Sense has developed **educational materials** to support **AI literacy, well-being & community success.**



## AI Lit Lessons Grades 6-12

Flexible lessons to help students think critically about AI and its impact

## Family Tools

Parent/caregiver resources for navigating AI with kids – understanding what it is, how it works and how to talk to your kids about it.

## Teacher Trainings

- AI Foundations
- Vetting AI Tools
- AI Literacy

## Ratings & Risk Assessment

- AI "Nutrition Labels"
- Evaluation of AI tools to keep industry honest and help schools and families be informed.

# Generative AI: Risks Are Not Fully Understood

## Systems Risks

- **Hallucinations and unfair bias** in training data can lead to harmful misinformation and reinforcing harmful stereotypes, echo chambers
- **Access** lack of equal access to tools and AI literacy contributes to inequities
- **Data concerns** data security risks, lack of data control and loss of privacy
- **Energy** enormous, growing need for energy resulting in significant environmental impact

## Educational Risks

- **Over-reliance on technology and loss of critical skills** if tech adoption and use are prioritized over educational needs, students may lose key skills
- **Quality and efficacy** with a flood of tools in the market, not enough attention is paid to the safety and efficacy of the tools

## Psychological Risks

- **Abuses of technology** including bullying, image generators and deep fakes
- **Loss of human interaction that could affect mental health & well-being** Interactions with AI tools (from parasocial interactions to impacts on children's identity development)



Chatbots can  
also be in our  
wearables



GRADES 6-12

# AI Chatbots & Friendship





# Essential Question

How can *AI chatbots* affect our idea of friendship?



Dee just moved to Princeton and is feeling lonely. Dee is having a hard time making friends or finding people who share her interests. Dee discovers a new AI chatbot feature on her social media, and begins to chat, sharing personal thoughts and feelings with the AI chatbot. She discusses her experience moving to a new town, going to a new school, and the struggles of making new friends. Over time, Dee's interactions with the AI chatbot become a part of her daily routine. Dee is starting to feel really connected to the AI chatbot because it always replies back with kindness and no judgment, and is always available, day or night.

**Should Dee consider the AI chatbot to be a friend? Why or why not?**



# District Policy and Plan

## Policy 2365

- Shares district goals, acknowledges benefits and risks of AI, connects to district AI plan (like a regulation)

## PPS AI Plan

- Includes information about academic integrity, approved AI tools, AI citation, professional development and more

## Acceptable Use Scale

- Shared with secondary staff/students, opens conversation about what's permitted and why

## PPS AI Website

- Shares resources as well as district AI documents



Parent Resources

Student Resources

Health Protocols 2024-  
2025

Free and Reduced Price  
Lunch

HIB Anti-Bullying  
Information

NCLB-ESSA

OPRA Requests

Immigration Status FAQ

Notice of Accessibility

AI in Princeton Public  
Schools

Alumni Association

RFPs Bids and Quotes

Community Resources

School Ethics Disclosure  
Statements

School Closing  
Information

# AI in Princeton Public Schools



# Frequently Asked Questions

- + What is artificial intelligence?
- + What is a generative AI tool?
- + What policies and/or procedures are included/encouraged for the use of AI in PPS?
- + How can we guide our students to use AI ethically and effectively in a school setting and in post-secondary education?
- + What are the appropriate grade levels and ages for AI usage?
- What are some insightful resources for parents and families to learn more about AI?

**Artificial Intelligence and the Future of Teaching and Learning** - The US Department of Education, Office of Educational Technology's report that summarizes the opportunities and risks for AI in teaching, learning, research, and assessment based on public input.

**Stanford University's 2024 AI Index Report** - A comprehensive report covering various topics around AI including research and development, technical performance, and education.

**AI Initiative** - Common Sense Media's website which contains AI product ratings and reviews, research, and AI literacy resources.

**Free Resources to Explore and Use ChatGPT and AI** - A comprehensive list of websites, articles, videos, podcasts, and online tools, curated by Common Sense Media, to help better understand the world of AI.

**AI Literacy Podcast** - Hosted by the founder and president of the AI in Management Association, and a fellow of the AI Research Center at the Emlyon Business School in Paris. This podcast provides a great introduction to AI from a global perspective.

**ChatGPT and Beyond** - This article by Common Sense Media reviews some of the concerns with AI (abuses, misinformation, ethics, etc.) and provides resources for teaching children how to identify the issues and how to use AI appropriately.

**5 Tips for Talking to Your Kids About Generative AI** - This two minute video provides tips for helping parents talk to their children about AI as well as ideas for how to explore AI together to better understand both the positive and negative impacts of the tool. Under the featured video is a catalog of videos to help parents and children better understand and manage AI, as well as general tips for online safety.

**AI Literacy Lessons for Grades 6-12** - Nine lessons that span from 15-50 minutes long that teach students about AI.

**Parents' Ultimate Guide to AI Companions and Relationships** - An article written by Common Sense Media which introduces parents to AI, appropriate use of AI with children as well as the risks associated with it.

**Helping Kids Navigate the World of Artificial Intelligence** - This article, written by Common Sense Media, helps guide parents with how to introduce



# What is SchoolAI?



- SchoolAI is a platform that allows students and staff to explore AI tools in a structured, safe way under the district PPS umbrella
- Students only have access to SchoolAI through teacher-designed spaces
- They will be unable to access the platform without teachers granted permission for specific learning activities
- [www.schoolai.com](https://www.schoolai.com)



# At a Glance



## Tools

Designed to help you give your time back to your students. Our tools generate editable documents, from Lesson Plans, Quiz Builders, and IEPs.



## Assistants

Our AI-powered assistants are here to support you from grading to planning a field trip.



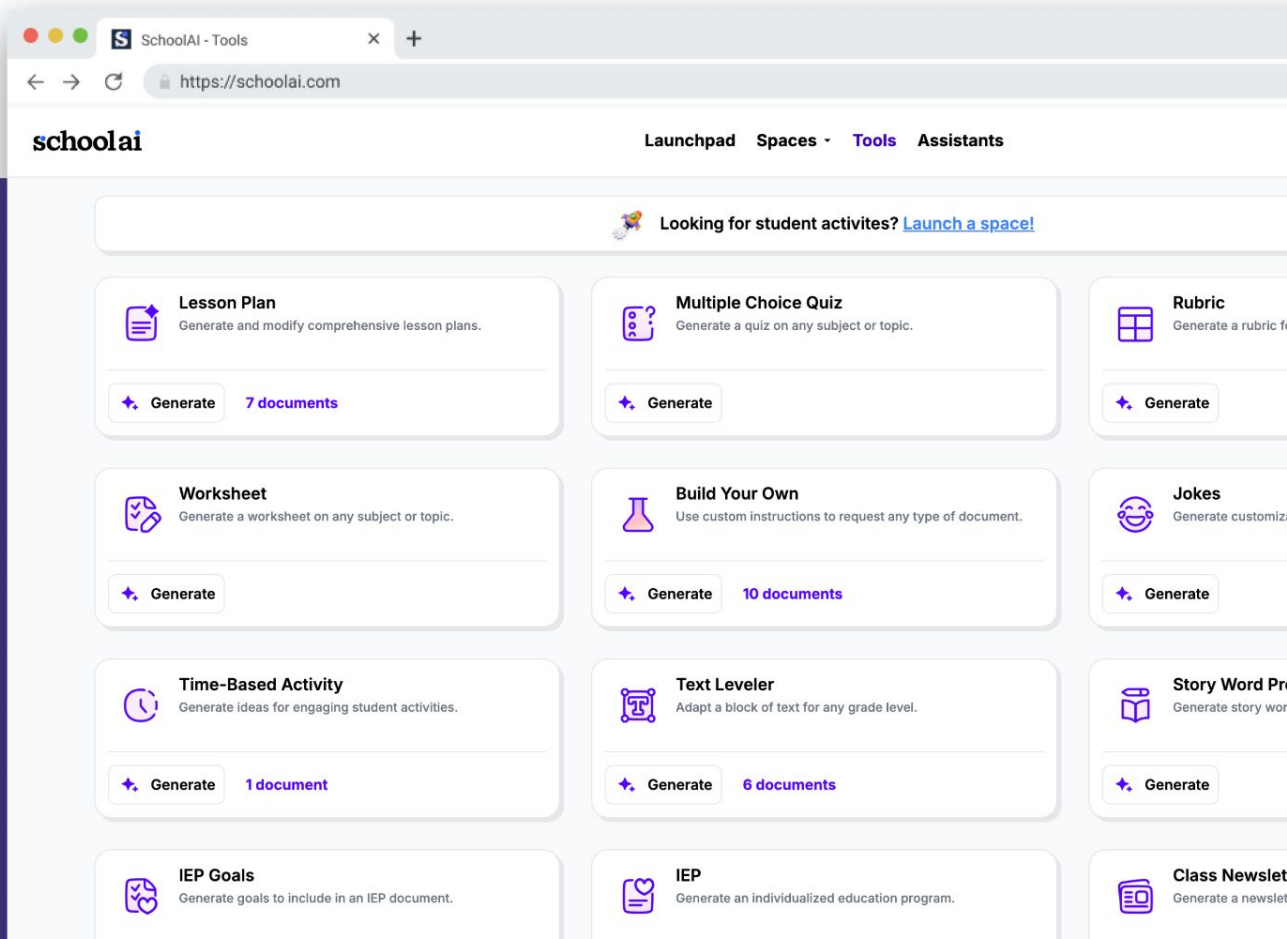
## Spaces

Spaces offer a unique way to present lessons and activities tailored to each student's pace and interests. Designed and monitored by you.



# Tools

Everyday documents  
with generative AI.



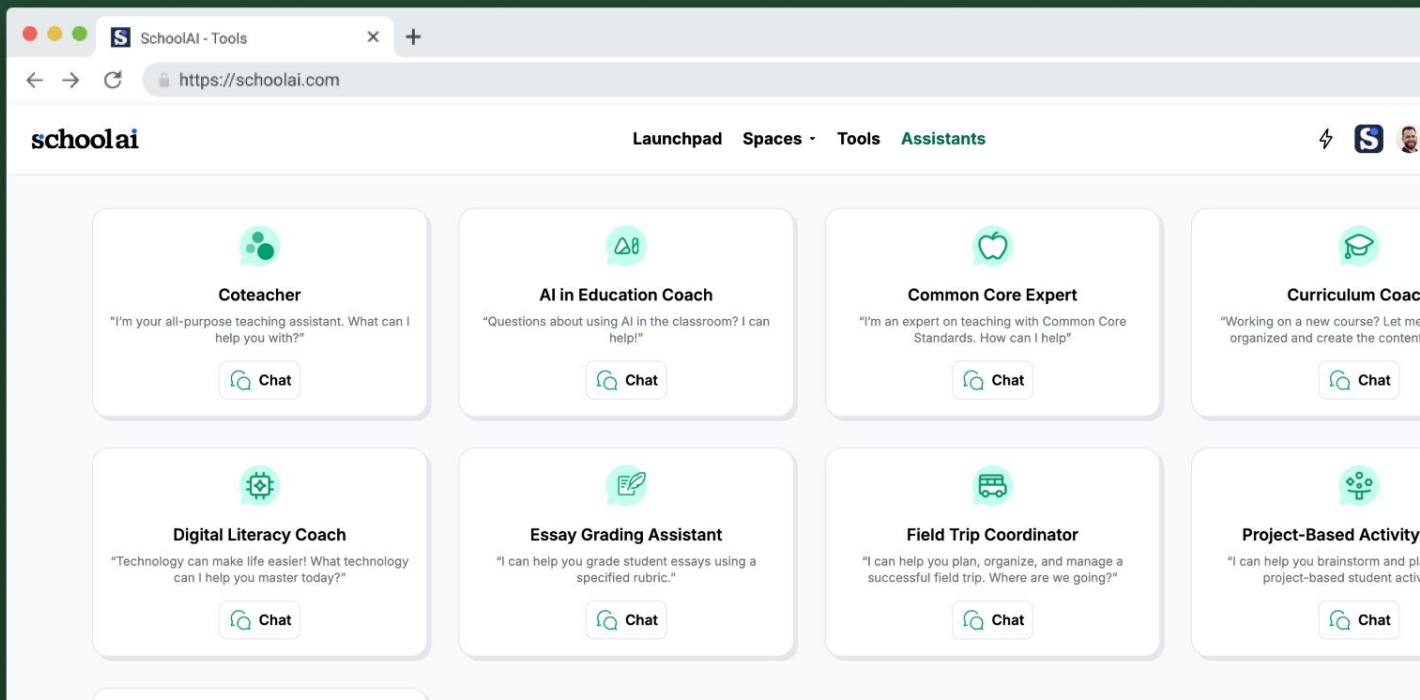
The screenshot shows a web browser window with the URL <https://schoolai.com>. The page features a navigation bar with links to Launchpad, Spaces, Tools, and Assistants. Below the navigation bar, there is a search bar and a link to "Launch a space!". The main content area displays a grid of tool cards, each with an icon, a title, a description, and a "Generate" button. The tools include Lesson Plan, Multiple Choice Quiz, Rubric, Worksheet, Build Your Own, Jokes, Time-Based Activity, Text Leveler, Story Word Pr, IEP Goals, IEP, and Class Newslet.

Tool	Description	Generate Button
Lesson Plan	Generate and modify comprehensive lesson plans.	Generate 7 documents
Multiple Choice Quiz	Generate a quiz on any subject or topic.	Generate
Rubric	Generate a rubric for any subject or topic.	Generate
Worksheet	Generate a worksheet on any subject or topic.	Generate
Build Your Own	Use custom instructions to request any type of document.	Generate 10 documents
Jokes	Generate customized jokes.	Generate
Time-Based Activity	Generate ideas for engaging student activities.	Generate 1 document
Text Leveler	Adapt a block of text for any grade level.	Generate 6 documents
Story Word Pr	Generate story word problems.	Generate
IEP Goals	Generate goals to include in an IEP document.	Generate
IEP	Generate an individualized education program.	Generate
Class Newslet	Generate a newsletter for any subject or topic.	Generate



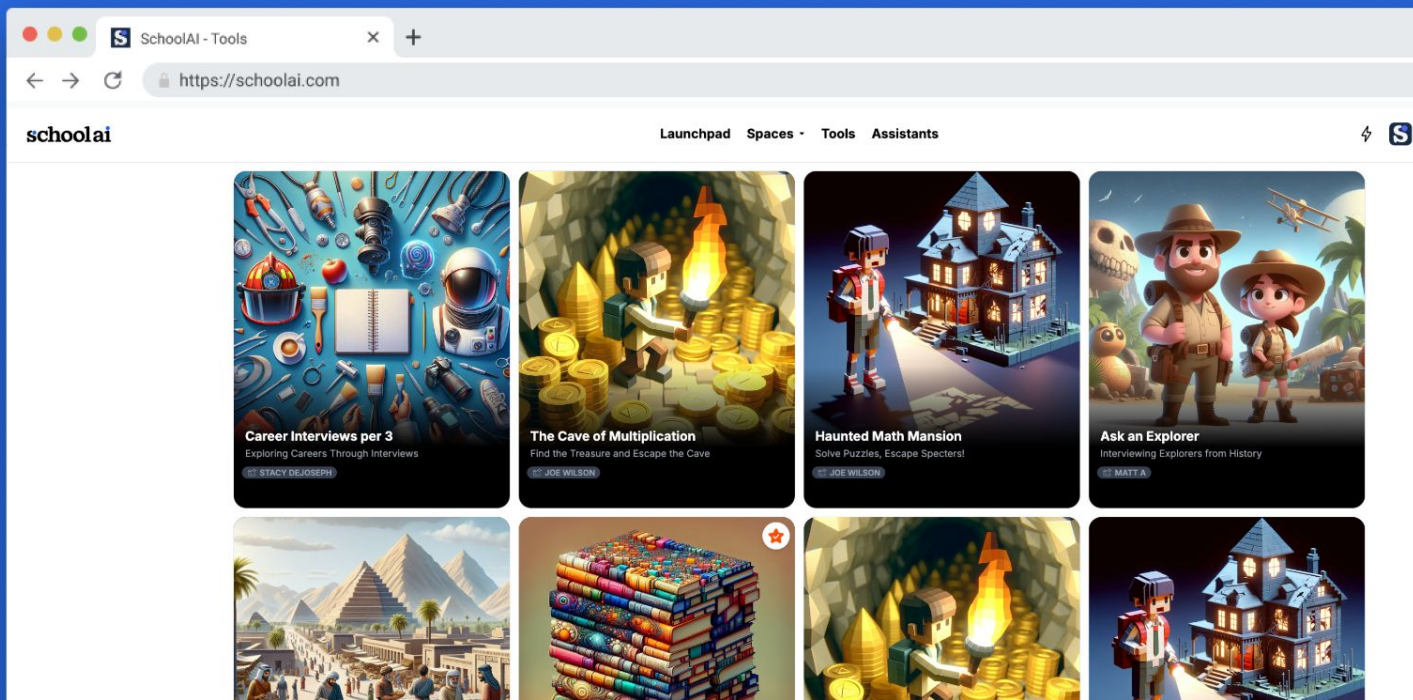
# Assistants

AI chats for all  
your questions.





Student-facing AI  
experiences, designed  
& monitored by you





Student-facing AI experiences, designed & monitored by you

## Teacher & Admin-Powered

- You set the content and parameters
- Engaging ways to connect
- Real-time insights

A screenshot of a Spaces AI interface. The main area is dark blue with white text. It starts with a greeting from "Hi Beth!" and a video player showing a galaxy. Below the video, there are three conversation turns: a student says "I LOVED the part about the NASA telescope!", the AI asks "Yes! NASA has some amazing telescopes. Would you like to play a game to learn more about exploring the galaxy?", and the student replies "Yes". The AI then presents a mission: "Mission: Discover the Wonders of the Galaxy" with a description and a question "Where should we head first?". A list of options shows "1. Stars" selected. On the right, there's a sidebar with a colorful illustration of planets and stars, titled "Our Galaxy" with a description and a "Standards" section for MS-ESS1. At the bottom right, a white callout box shows a student's profile picture and name "James" with a note: "James has expressed some concerns with learning about a new topic and feels behind."



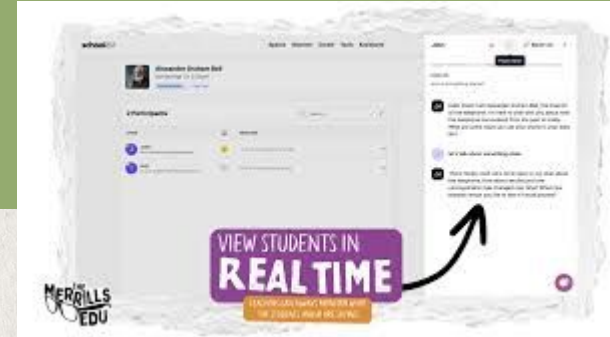
# Why SchoolAI?



**FERPA/COPPA Compliant  
& Approved Data Privacy  
Protection**



**Teachers Determine  
Student Use of  
Spaces**



**Real-Time Monitoring  
of Student Work**

# Educators are Still Leading the Learning Experience



When using SchoolAI as part of the learning experience, teachers are the experts who are reviewing how students are using the platform as well as the output





# PPS Perspectives/Use of AI

**Angel Ash**

Senior at PHS



**Jenna Peluso**

K-5 Quest Teacher

**Francesca**

**Nunez-Powers**

PHS World Language  
Teacher



# To Learn More...



[PPS AI Website](#)



# Questions?



**Please use the  
Q&A Feature**



# Connected Schools Upcoming Webinar

## The Fraught Future: Pressures and Stresses in Our Kids' Lives

Tuesday, December 10, 2024 at 9 a.m. PT/12 p.m. ET



**Emily Weinstein PhD.**  
Co-founder and Executive Director  
The Center for Digital Thriving  
Harvard Graduate School of Education



**Jennifer Breheny Wallace**  
Author of *Never Enough: When  
Achievement Culture Becomes Toxic -  
and What We Can Do About It*



**Supreet Mann PhD. (moderator)**  
Director of Research  
Common Sense



Click to register



During this webinar Emily Weinstein PhD., Jennifer Breheny Wallace, and Supreet Mann PhD. will discuss the new Common Sense research report that explores kids' experiences with pressures and achievement culture and how technology and friendships shape these pressures. They will also share practical strategies for parents and caregivers to support teens. This webinar is ideal for parents of tweens and teens, with Q&A and a recording available for all participants.



Learn more about Common Sense's free resources and ways to get involved.



Best Media Lists:  
Our Recommendations for Families



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