

# Managed Schools AI Hackathon

**Stride AI Hackathon: Empowering Minds, Elevating Education: Unleashing the Potential of AI**

Agenda:

- Your team and how to spend your time
- Concept Share out structure
- Problems to Solve
- Q&A

# Your team and how to spend your time

1. **Find your team on slide 7-9.**
2. **Set 30-60 minutes with your team to set up your plan for the hackathon**
  - Pick a fun team name and a team lead.
  - Determine when and how you'll meet.
  - It's recommended to spend your time synchronously. Although you may divide tasks once you have decided on your concept, the best hack teams stay connected throughout the day(s).
    - You don't have to spend a full/single 8 hour block. However, you'll accomplish more if your team blocks out larger chunks of time.
    - Possible structure –
      - 1 hour to meet the team, rapidly ideate on ideas. Vote up the best ones, agree on a concept.
      - 6 hour block (or 2 3-hours blocks) of time to develop the idea, create wireframes, test the AI, generate proofs of concept, etc.
      - 1 hour to develop your share out plan.
3. **Team Lead open office hours** – with Facilitator Dave Parker, Daily Mon-Friday 9:30-10:30 ET – zoom [link](#)
4. **Designer Support** – when you have a product design in mind, Marlon Wayne – [mwayne@k12.com](mailto:mwayne@k12.com) - will - standing office hours 9-11AM ET to help create your Figma files.
5. You will present your concept between 3pm and 5pm ET on Friday 10/20. Your team will receive a calendar for a 30-minute meeting during which you'll present alongside 5 other teams.

# Output and Judging

**Output** Teams will focus on developing prototypes or concepts that showcase the application of AI and how it solves one of the problems. The emphasis is on what can be built within a day, not a fully functional solution. Highlight the potential of AI to solve problems and drive impactful outcomes and demonstrate how the solution would look if built.

**Judging and Evaluation:** A preliminary round of judging will be conducted by Amy Marsh, Cindy Wright, Pat Mapes, Lisa Azzarello, Dave Parker, Corey Register, Sarah Perroy and Jen O'Shea. The top three projects will be recognized as hackathon finalists and move on to the final evaluation round.

## **Judging Criteria:**

1. How well does the solution presented solve the problem?
2. The impact to the business if the solution was built and scaled (Time Saved, More student engagement, better student performance, etc.)
3. The use of AI in the solution.
4. X Factor – The hard to explain but you know it when you see it “wow” element of the presentation/solution.

# Concept Presentation – 5 Minutes

1. **Pitch** - Brief 3-4 sentence executive summary of your solution to one of the problems. (Think 10 seconds in an elevator to pitch Elon).
2. **Concept Demo** – This should be your interactive wow factor. Show more than tell. Find a way to fake the experience. A fake UI, wireframes, ppt animations recorded in Teams to look like video, get creative. The more this feels like something real the better.
3. **Technical Details** – How would this work? What is the AI doing? How is a user interacting with the AI? Are there API connections? Is there a series of prompts? Etc.
4. **Business Details** – How does this improve Stride's School experience? Does it save time, does it generate things that we can't create today? (This part may require some SME's to help you understand).

-- Your team only has five minutes. Prioritize the time in the best way to showcase your idea and sell it to the judges. --

# Helpful Tools

Visualizing your product – don't over think this too much, it's just a visual representation of your idea.

Design – simple to complex

- [Canva](#) – is a free tool (registration required)
- [Miro](#) - is a tool for "wireframing" or creating a design for your product (mobile app, website). The link is to the free version of the tool. You can
- Figma – is the tool the designer will use to take your idea and make it cool... the outcome of this is a

# Tools to be considered for use in this Hack

This list of resources may help you with your solutions.

[GPT4](#)

Text generation – ask a question, this tool mines the web to give answers

[Dall-E](#)

Open AI's text prompt image generator

[Midjourney](#)

Image generator

[Adobe Express](#)

Comic book image generation

[Synthesia](#)

AI avatars with fully articulated faces and bodies

[Revoicer](#)

AI text to speech

[Daisy Chain AI](#)

User to link multiple AI models/vendors in single prompt or string of commands.

[MagicSchool.ai](#)

Teacher focused Edtech AI vendor, to generate standards aligned assessment and assessment grading/feedback

[Mindsmith.ai](#)

Curriculum AI vendor built on GPT4. Outputs slides/tiles with text and images based on standards and learning outcome prompts.

[eSpark ai](#)

Playful lessons. See Choice Texts.

[Artbreeder](#)

AI art by combining one or more images and a text prompt to create a new image

[Veed.io](#)

AI subtitles with "read along" feature

[RunwayML](#)

Video from image or prompt, used to create animated effect in illustrated book concept

[Kaiber.ai](#)

Animated images from prompt

[Aiva.ai](#)

AI generated music

[Fotor Ai](#)

Image generation

[CreatorUp](#)

Animation videos with Avatars, product explainer videos for final video presentations

[AiVoov](#)

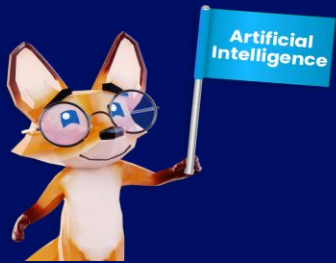
Text to speech voice over generator

# *Problems to Be Solved*

**Problem 1: Identifying the next, new way to engage students in content** – K12 understands that in a virtual school, maintaining student interest in classroom content is critical to student success. In partnership with the curriculum team K12 makes content as interactive as possible. Use AI to **develop educational games** that incorporate historical facts and scenarios, providing an interactive and entertaining way for students to learn history.

**Problem 2: Socialization** – Students engaging with their peers has been found to be a critical need for students in virtual schools. This year K12 launched the Zone to allow students to socialize in a virtual space. Use AI to create systems, either within a Zone or not, to **match students** with similar interests, habits, or schedules to facilitate study groups, project collaboration or social interaction.

**Ideation and Brainstorming:** Teams are encouraged to think creatively and explore how AI can address curriculum challenges. They will have the flexibility to collaborate and brainstorm ideas on their own time, leveraging AI concepts to devise innovative solutions.



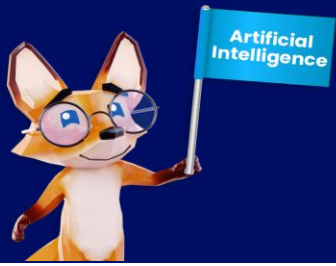
# Hack Teams

## Stride AI Hackathon: Empowering Minds, Elevating Education: Unleashing the Potential of AI

Teams that were requested to be kept together during sign up were honored if possible. Attempts were made to keep teams to no more than 4 people and create cross functional teams.

Team Name	Team Member 1	Team Member 2	Team Member 3	Team Member 4	Team Member 5	Team Member 6
Team 6	Eric Lancaster	Dominick Presslor	Lynne Bard	Arthur Peng	Isabella Dugas	Lisa Herring
Team 7	Amelia Kline	Andrew Pica	Sofia Palaeologus	Emily Stevens		
Team 8	Sean Baily/ Sean Williams	Malaysia Robinson	Joel Jones	Floyd Perry	Rachel Brock	
Team 9	Jakiah Golder	Myrrick Robinson Jr.	Zoey Craft	Anthony Grier	Connor Isham-Dean	Anna Edfors
Team 13	Stephanie Schick	DaLaza Brown	Arthur Olvera	Carlos Veles	Elysa Darling	



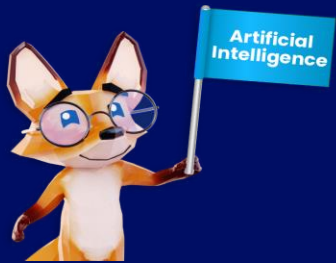


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Team 11	Danyka Fitzgerald	Damian Jasso	Joshua Corns	Raelyn Dykes	Kristie Fleisher	
Team 12	Luis Rodriguez	Kayvion Tisino-Kelly	Sequoya Thompson	Tim Mansfield		
Team 2	Tanya Carter-Collier	Joseph Woodruff Jr	Delwin S	Gracie	Stephanie Schick	
Team 3	Jakira	Jamari Carpenter	Jordan Whitaker	Ariyana Hutcherson	Alecia Livingston	Caitlin Gildrien
Team 4	Alex Castillo	Isaiah	Acadhia Fleming	Joseph Horton	Olivia Thadani	Justin Fanzo
Team 5	Anna Davis	Nylah Alwakil	Willow Crouch	Pam VanDyke	Mary Jane Bowers	Acacia Fanto



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Hoothack Heroes	Dean Sonsalla	Kiera Mayweathers	Arion Hahn	Abdallah Aliyi	Alisa Payne	
IDVA Leadership Class	Taylor Strong	Emilee Slatzer	Trystyn Hernandez	Lisa Percifield	Kim Grana	
Team 1	Beverleigh Kirkman	Jonayah	Jasmine Novak	Conner Wiley	Janet Keadle	Nicolette Han
Team 10	Robin Brunson	Jesarah Dalton	Brady Fox	Nag Shivani Puram	Audrey Ekpenyong	

# Organizer Notes

## Timeline

- 4 weeks out – send a "Save the Date" to your participants
  - If you have students,