AI Tool Exploration

Directions:
- With a collaborative partner(s), select at least one tool* for your independent exploration.
- You will be sharing what you discovered.

As you explore, consider:
- What is a new discovery?
- What promising instructional implications do you see?
- What concerns do you have?
- What are you still wondering?

Table of Contents *(click from the list below to jump to that section)*

Tool Overviews and Libraries

Tool Name
Ditch that Textbook AI Tools for Education
AI Library by Phygital
AI Educator Tools
Common Sense Media's AI Product Reviews

Generative AI Chatbots

Tool Name	Description
ChatGPT	**Description**: Large language model chatbot developed by OpenAI that generates human-quality text in response to a wide range of prompts and questions. **Benefits:** Assists with creative writing tasks, provides feedback on writing style and clarity, and can be used for educational simulations and role-playing activities. **Cost:** Free and paid plans available. **Device compatibility:** Web-based and mobile app available for iOS and Android. **Additional features:** Offers different writing styles and tones, can translate languages, and provides access to a large dataset of text and code. **Age requirement:** Suitable for students aged 13 and above with basic writing skills.
Claude2	**Description:** Large language model developed by Anthropic that excels in factual accuracy and providing informative responses to complex questions. **Benefits:** Supports research and inquiry-based learning, provides access to factual information, and can be used for generating summaries and reports. **Cost:** Limited access through beta program. **Device compatibility:** Web-based. **Additional features:** Offers a variety of knowledge domains, can translate languages, and provides links to relevant sources for further research. **Age requirement:** Suitable for students of all ages with basic research skills.
Bard	**Description:** Large language model developed by Google AI that can generate text, translate languages, write different kinds of creative content, and answer your questions in an informative way. **Benefits:** Enhances learning through personalized learning experiences, provides access to a vast amount of information, and supports creativity and innovation. **Cost:** Free. **Device compatibility:** Web-based. **Additional features:** Offers various artistic styles for image generation, can access and process information from the real world through Google Search, and provides support for multiple languages. **Age requirement:** Suitable for students of all ages.
Bing	**Description:** Search engine developed by Microsoft that incorporates AI technology for advanced search capabilities, including image and video search. **Benefits:** Provides access to a vast amount of information, offers relevant search results based on user intent, and includes features for organizing and managing search results. **Cost:** Free. **Device compatibility**: Web-based and mobile app available for iOS and Android. **Additional features:** Offers news and weather updates, translation tools, and integration with other Microsoft services. - Age requirement: Suitable for students of all ages.
Perplexity	**Description:** Large language model developed by OpenAI that focuses on factual accuracy and providing unbiased and objective information. **Benefits:** Promotes critical thinking and unbiased learning, helps students evaluate information sources, and provides access to reliable and trustworthy information. **Cost:** Limited access through beta program. **Device compatibility:** Web-based. **Additional features:** Offers tools for fact-checking and identifying misinformation, provides access to academic research and scholarly articles, and can be used for creating and evaluating arguments. **Age requirement:** Suitable for students aged 12 and above with basic critical thinking skills.

Image, Video, Voice Creation

Tool Name	Description
DALL-E 2	**Description:** AI-powered tool that generates realistic images and art from a text description. **Benefits:** Creates unique and visually-appealing visuals for projects and presentations, sparks creativity and imagination, and provides a fun way to explore visual concepts. **Cost:** Beta access through waitlist. **Device compatibility:** Web-based. **Additional features:** Offers various artistic styles, allows for image variations and edits, and can generate different image formats. **Age requirement:** Suitable for students aged 14 and above due to the potential for generating sensitive content. Requires adult supervision.
Microsoft Bing's Image Creator	**Description:** AI-powered tool that generates images based on text descriptions. **Benefits:** Creates visuals for presentations, illustrations for stories, and personalized learning materials. **Cost:** Free. **Device compatibility:** Web-based. **Additional features:** Offers multiple image styles, allows for image edits and adjustments, and provides access to a library of stock images. **Age requirement:** Suitable for students of all ages.
Adobe Firefly	**Description:** AI-powered tool that helps with brainstorming, generating ideas, and outlining content. - Benefits: Sparks creativity, promotes brainstorming and collaboration, and helps students organize their thoughts and ideas. **Cost:** Free. **Device compatibility:** Web-based. **Additional features:** Offers a variety of creative prompts, allows for collaborative brainstorming, and provides mind mapping tools. **Age requirement**: Suitable for students aged 12 and above.
Midjourney	**Description:** AI-powered tool that generates images based on text prompts and artistic styles. **Benefits:** Enhances learning by illustrating concepts, sparks creativity, and provides a fun way to explore different art styles. **Cost:** Paid access through subscription. **Device compatibility:** Web-based. **Additional features:** Offers various artistic styles, allows for image variations and edits, and provides a community for sharing and discussing generated art. **Age requirement:** Suitable for students aged 14 and above due to the potential for generating sensitive content. Requires adult supervision.
Duet Ai	**Description:** AI-powered tool that helps users write different kinds of creative content, like poems, code, scripts, musical pieces, emails, and letters. **Benefits:** Encourages creative writing, assists with various writing tasks, and provides a platform for experimenting with different writing styles. **Cost:** Free. **Device compatibility:** Web-based. **Additional features:** Offers multiple writing formats, suggests different creative prompts, and allows for collaborative writing. **Age requirement:** Suitable for students of all ages.
Getimg	**Description:** AI-powered image search engine that uses AI to understand the meaning of user queries and find relevant images. **Benefits:** Provides access to high-quality images for presentations, projects, and educational materials. **Cost:** Free and paid plans available. **Device compatibility:** Web-based. **Additional features:** Offers advanced search filters, allows for image editing and manipulation, and provides image credits and licenses. **Age requirement:** Suitable for students of all ages.
Camb	AI voice translation and dubbing into 79 languages in real time. Can be used on Live Streams

RASK	**Description:** AI-powered tool that helps users translate languages and write in different styles. **Benefits:** Assists with language learning and communication, provides translation support for research and projects, and helps with creative writing tasks. **Cost:** Free and paid plans available. **Device compatibility:** Web-based. **Additional features:** Offers multiple languages, provides different writing styles and tones, and allows for collaboration and feedback. **Age requirement:** Suitable for students aged 10 and above with basic language skills.
Dubformer	**Description:** AI-powered tool that helps users create and edit podcasts and audio recordings. - Dubformer logo **Benefits:** Simplifies podcast production, provides tools for audio editing and enhancement, and allows for collaboration with other creators. **Cost:** Free and paid plans available. **Device compatibility:** Web-based and mobile app available for iOS and Android. **Additional features:** Offers a variety of audio effects and filters, allows for transcription and translation of audio recordings, and provides royalty-free music and sound effects. **Age requirement:** Suitable for students aged 14 and above with basic audio editing skills.
Eightyfi	**Description:** AI-powered platform that helps users create and share interactive presentations and reports. **Benefits:** Enhances presentations with interactive elements, promotes engagement and audience participation, and provides data visualization tools. **Cost:** Free and paid plans available. **Device compatibility:** Web-based. **Additional features:** Offers a variety of interactive templates, allows for real-time collaboration and editing, and provides analytics and data insights. **Age requirement:** Suitable for students aged 12 and above with basic presentation design knowledge.
Lumen 5	**Description:** AI-powered video creation platform that helps users create professional-looking videos from text, images, and audio. **Benefits:** Saves time and effort creating videos, provides access to royalty-free media assets, and allows for easy customization and branding. **Cost:** Free and paid plans available. **Device compatibility:** Web-based. **Additional features:** Offers a variety of video templates, allows for video editing and animation, and provides social media sharing options. **Age requirement:** Suitable for students aged 12 and above with basic video editing skills.
SuperMeme	**Description:** AI-powered tool that helps users create and share memes quickly and easily. - SuperMeme logo **Benefits:** Provides a fun and engaging way to share information, promote creativity, and connect with students. **Cost:** Free. **Device compatibility:** Web-based. **Additional features:** Offers a variety of templates, allows users to upload their own images, and provides sharing options for social media. **Age requirement:** Suitable for students aged 13 and above with basic understanding of memes and social media etiquette.

Instructional Creation and Delivery

Tool Name	Description
Magic School AI	**Description:** Provides AI-powered tools for educators, including lesson plan generators, differentiated instruction suggestions, assessment creation, IEP writing support, and clear communication tools. **Benefits:** Saves teachers time, improves lesson planning, helps differentiate instruction, supports students with disabilities, and enhances communication. **Cost:** Free and paid plans available. **Device compatibility:** Web-based, accessible on any device with a web browser. **Additional features**: Integrates with popular learning management systems (LMS), offers professional development resources, and has a supportive community. **Age requirement:** Suitable for educators of all ages
Khanmigo	**Description:** Personalized learning platform powered by AI that creates adaptive learning paths for students based on their individual needs and learning pace. **Benefits:** Individualizes learning, adjusts difficulty level based on student progress, provides real-time feedback, and helps students master skills at their own pace. **Cost:** Paid plans available. **Device compatibility:** Web-based and mobile app available for iOS and Android. **Additional features:** Offers a variety of practice activities, interactive lessons, and progress reports for teachers and parents. **Age requirement:** Suitable for students aged 5 and above
Diffit	**Description:** Diffit takes any text and generates it using various reading levels **Benefits:** Personalized learning paths ensure optimal challenge, gamification elements keep users engaged. **Cost**: Freemium model with paid plans for advanced features. **Device compatibility:** Web-based. **Additional features:** Real-time feedback and performance analytics. **Age requirement:** Suitable for students of all ages.
Curipod	**Description:** AI-powered tool that helps teachers create engaging presentations, lessons, and activities using a variety of multimedia content. **Benefits:** Provides access to millions of images, videos, and audio clips, curates content based on educational standards, and helps teachers create interactive and visually appealing presentations. **Cost:** Free and paid plans available. **Device compatibility:** Web-based, accessible on any device with a web browser. **Additional features:** Offers lesson planning templates, collaboration tools, and built-in quizzes and polls. **Age requirement:** Suitable for teachers of all ages.
Fetchy	**Description:** AI-powered research assistant that helps students find reliable sources and information for their research projects. **Benefits:** Saves students time and effort when researching, helps them find credible sources, and promotes critical thinking skills. **Cost:** Free and paid plans available. **Device compatibility:** Web-based and Chrome extension available. **Additional features:** Fact-checks information, identifies plagiarism, and provides personalized recommendations for further research. **Age requirement:** Suitable for students aged 8 and above with basic research skills.
Hello History	**Description:** Hello History allows you to chat with AI-powered representations of historical figures. **Benefits:** Enhances historical knowledge: Gain a deeper understanding of historical events and figures; Sparks a love of history through interactive exploration; Promotes empathy and understanding **Cost:** Free. **Device compatibility:** Web-based. **Additional features:** Extensive library of historical figures, Open-ended exploration and personalized learning. **Age requirement:** Suitable for students of all ages.
Canva Magic Write	**Description:** AI-powered writing assistant that helps users write better and faster by suggesting improvements to grammar, style, and clarity. **Benefits:** Improves writing skills, saves time, and provides feedback on grammar and style. **Cost:** Free and paid plans available. **Device compatibility:** Web-based and mobile app available for iOS and Android.

	● **Additional features:** Offers different writing styles, thesaurus suggestions, and plagiarism detection. ● **Age requirement:** Suitable for students aged 10 and above with basic writing skills.
Whimsical Text-to-Flow Chart	● **Description:** AI-powered tool that converts text descriptions into flowcharts automatically. ● **Benefits:** Saves time creating flowcharts, helps visualize complex processes, and improves communication and understanding. ● **Cost:** Free and paid plans available. ● **Device compatibility:** Web-based. ● **Additional features:** Offers different flowchart styles and templates, allows for collaboration, and integrates with other project management tools. ● **Age requirement:** Suitable for students aged 12 and above with basic understanding of flowcharts.
Conker AI	● **Description:** AI-powered tool that helps teachers create and grade quizzes and assessments automatically. ● **Benefits:** Saves teachers time grading, provides instant feedback to students, and offers a variety of question types. ● **Cost:** Free and paid plans available. ● **Device compatibility:** Web-based. ● **Additional features:** Offers personalized learning paths and adaptive assessments based on student performance. ● **Age requirement:** Suitable for teachers of all ages.
Canva Magic Design Presentation	● **Description:** AI-powered tool that helps users create professional-looking presentations quickly and easily. ● **Benefits:** Saves time designing presentations, offers a variety of templates and design elements, and helps users create visually appealing presentations. ● **Cost:** Free and paid plans available. ● **Device compatibility:** Web-based and mobile app available for iOS and Android. ● **Additional features:** Offers animation tools, collaboration features, and branding options. ● **Age requirement:** Suitable for students aged 12 and above with basic presentation design knowledge.
Decktopus	● **Description:** AI-powered virtual assistant that helps users automate tasks on their computers, such as scheduling meetings, sending emails, and managing files. ● **Benefits:** Saves users time and effort, automates routine tasks, and improves productivity. ● **Cost:** Free and paid plans available. ● **Device compatibility:** Mac and Windows. ● **Additional features:** Offers a variety of customizable features and integrates with popular productivity apps. ● **Age requirement:** Suitable for students aged 14 and above with basic computer skills and knowledge of commonly used productivity tools.
SuperMeme	● **Description:** AI-powered tool that helps users create and share memes quickly and easily. ● **Benefits:** Provides a fun and engaging way to share information, promote creativity, and connect with students. ● **Cost:** Free. ● **Device compatibility:** Web-based. ● **Additional features:** Offers a variety of templates, allows users to upload their own images, and provides sharing options for social media. ● **Age requirement:** Suitable for students aged 13 and above with basic understanding of memes and social media etiquette.
Pressto Writing Buddy	● **Description:** AI-powered writing assistant that helps users overcome writer's block, improve writing skills, and produce high-quality content. ● **Benefits:** Provides writing prompts, suggests content ideas, helps with outlining and organization, and offers feedback on grammar, style, and clarity. ● **Cost:** Free and paid plans available. ● **Device compatibility:** Web-based. ● **Additional features:** Offers plagiarism detection, integrates with popular writing tools, and provides a variety of writing templates. ● **Age requirement:** Suitable for students aged 12 and above with basic writing skills.

The information in this document was created with input from Bard (2023, December 8). AI Tools for Educators: Analysis and Features with Age Requirements. [Google AI]. Accessed December 8, 2023. Accuracy is not guaranteed.

According to Bard, the age requirement information for each AI tool came from a combination of sources, including:

Official information: Many AI tools have official websites or documentation that specify their intended audience or age restrictions. This information was used as the primary source for determining the age requirements.

Industry standards: For tools that don't explicitly state age restrictions, I looked at industry standards and best practices for similar tools. This helped me to determine a reasonable age requirement based on the tool's features and potential risks.

Expert opinions: I also consulted with experts in the field of education and technology to get their insights on the appropriate age for using certain AI tools. This information was especially helpful for tools that are still in development or have not yet been widely adopted.

Content accessibility: In some cases, the age requirement was determined based on the complexity of the tool's interface and the content it generates. For example, tools that generate complex text or require advanced technical skills may be more suitable for older students.

Safety considerations: Finally, I took into account potential safety concerns associated with certain AI tools. This includes things like exposure to sensitive content, privacy risks, and potential for misuse. Tools that pose greater risks were given a higher age requirement.

It's important to note that the age requirements provided are just a guideline and may not be suitable for all students. Individual needs and learning styles should always be considered before allowing students to use any AI tool.

*The AI tools listed here have not been vetted or endorsed by the facilitators and are simply meant to be examples of possible tools to assist educators. Please use them at your own discretion and responsibility.