



AI REVOLUTION IN EDUCATION

Transforming the learning landscape



Presented By: Dr. Syed Misbahuddin
18th of November, 2023



**Navigating the AI landscape:
From cognition to collaboration
in Education**



01 Natural Intelligence vs Artificial Intelligence

02 Raising smart children

03 What if not?



Let's watch how AI learns to play Hide-and-Seek. Will it get good at it?



**Multi-Agent
Hide and Seek**

Former apple employees have launched a humane "ai pin"



Navigating via an “ai pin”



*“How do I get to that café
I went to with Paul a few
weeks ago”*





The Benefits of incorporating AI into Learning

BENEFITS OF INCORPORATING AI IN LEARNING



AI broadens your learning horizons by tailoring educational content to your unique needs.



AI acts as your digital teammate, working hand-in-hand with you to create a learning environment that sparks creativity and shared knowledge discovery.



AI uses data insights to understand your learning patterns, providing personalized feedback and resources to optimize your quest.



AI ensures a dependable learning experience by being accessible 24/7, offering continuous support and resources whenever you need them.



WAYS TO LEVERAGE AI FOR EFFECTIVE LEARNING





A PERSONALISED LEARNING EXPERIENCE

AI personalizes your learning journey, adapting to your style and speed, making it super fun and tailored just for you.





INSTANT FEEDBACK AND IMPROVEMENT

With AI, it's like having a super-fast friend who checks your work lightning-quick and gives you cool tips instantly. No more waiting around!





3

ACCESSIBLE RESOURCES AND SUPPORT

AI opens up a world of inclusivity by offering resources and support for students with diverse learning needs. Virtual tutors & assistive technologies provide additional help in making learning accessible.





ENHANCED COLLABORATION AND CREATIVITY

By automating routine tasks, AI allows students and educators to focus on more innovative and collaborative aspects of education, fostering creativity and critical thinking.





TOP AI TOOLS FOR STUDENTS

AI that helps in learning and growth.



01 Grammarly

Grammarly is an AI-powered writing assistant that helps students improve their writing skills by identifying and correcting grammar, spelling, and punctuation errors. It also provides suggestions for enhancing clarity, conciseness, and style.



02 Quizlet

Quizlet is an AI-powered study platform that offers flashcards, quizzes, and interactive games to help students learn and memorize information. It uses AI algorithms to adapt to each student's learning progress and provide personalized study recommendations.

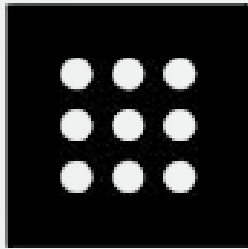


03 Experiments with google

Experiments with Google is yet another helpful website introduced by Google to enhance learning skills in kids. It is a collection of experiments that Children can do from home.



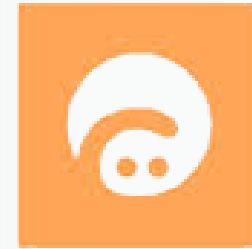
ChatGPT



Perplexity



Yippity



Curipod



Education Copilot



Quillbot



PowerPoint Spkr. Coach



YouTube Summary



Speechify



Otter.ai



SlidesAI.io

Researching

Writing

Drawing

Assessing

Productivity

Learning

Speaking

Designing



DALL-E



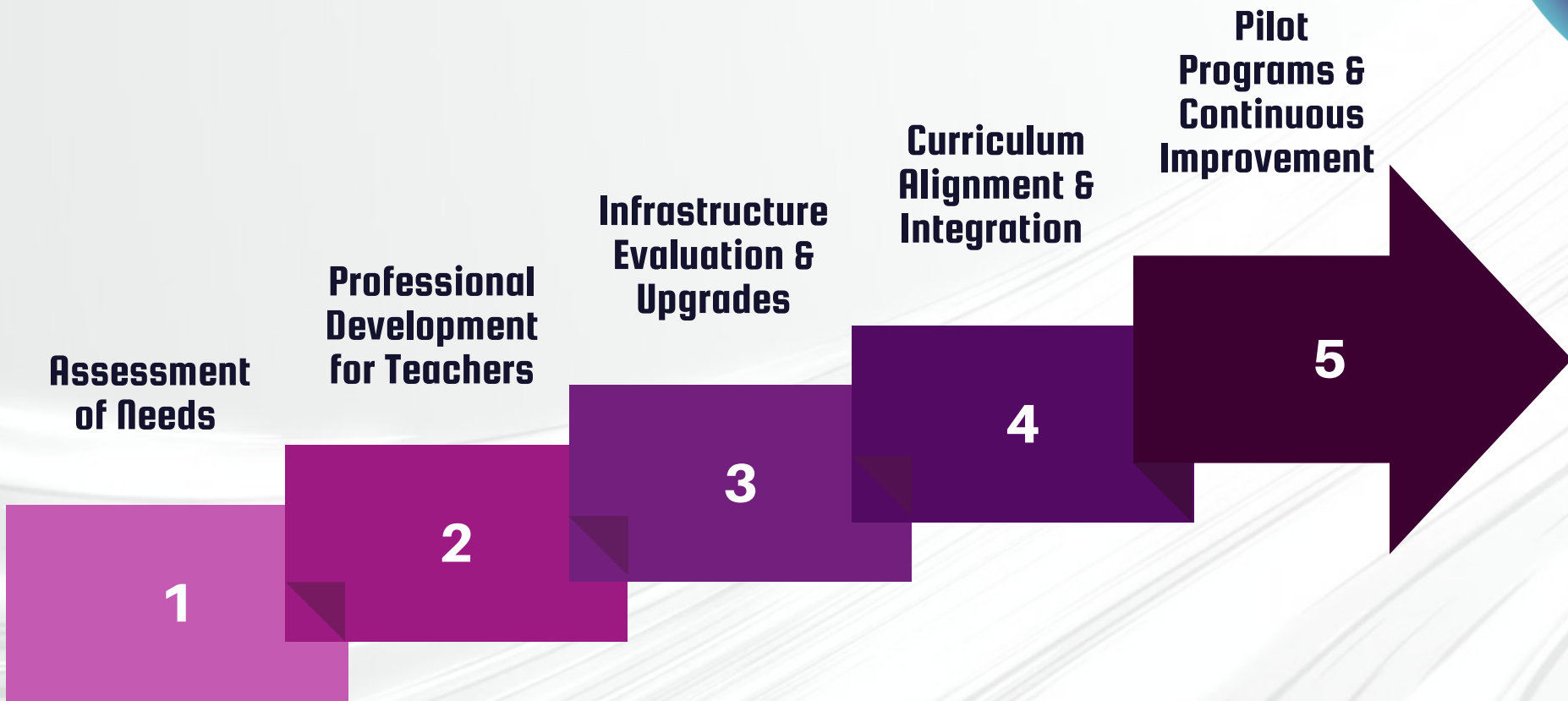
gradescope

Quizalize





**STEP-WISE GUIDE TO
INCORPORATING AI IN
SCHOOL**



01 Assessment of needs

Begin by conducting a comprehensive needs assessment to identify specific areas in education where AI can make a positive impact. Understand the challenges faced by educators, students, and the overall educational system that AI integration can address.

02 Professional Development for Teachers

Prioritize teacher training and professional development programs to equip educators with the necessary skills and knowledge to effectively utilize AI tools in the classroom. This includes workshops, online courses, and ongoing support to ensure teachers are confident in integrating AI into their teaching practices.

03 Infrastructure Evaluation and Upgrades

Evaluate the current technological infrastructure of the school to determine its readiness for AI integration. Identify any necessary upgrades or adjustments required to support the implementation of AI tools and systems, ensuring a seamless and efficient integration process.




04 Curriculum Alignment and Integration

Align the use of AI with the existing curriculum. Identify specific subjects or areas where AI can enhance learning outcomes and seamlessly integrate AI-related content into lesson plans. Ensure that the integration is purposeful and directly contributes to educational goals.

05 Pilot Programs and Continuous Improvement

Implement small-scale pilot programs to test the effectiveness of AI applications in real classroom settings. Gather feedback from teachers, students, and administrators during the pilot phase. Use this feedback to make continuous improvements, refine strategies, and scale up successful AI initiatives gradually across the school. Regularly assess the impact of AI on educational outcomes to ensure ongoing effectiveness.





**THANKS
FOR YOUR
PATIENCE**