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NTT DATA Business Solutions

AI Learning Helper

The future of personalized education

.What if?

Technology could help →

Children learn.

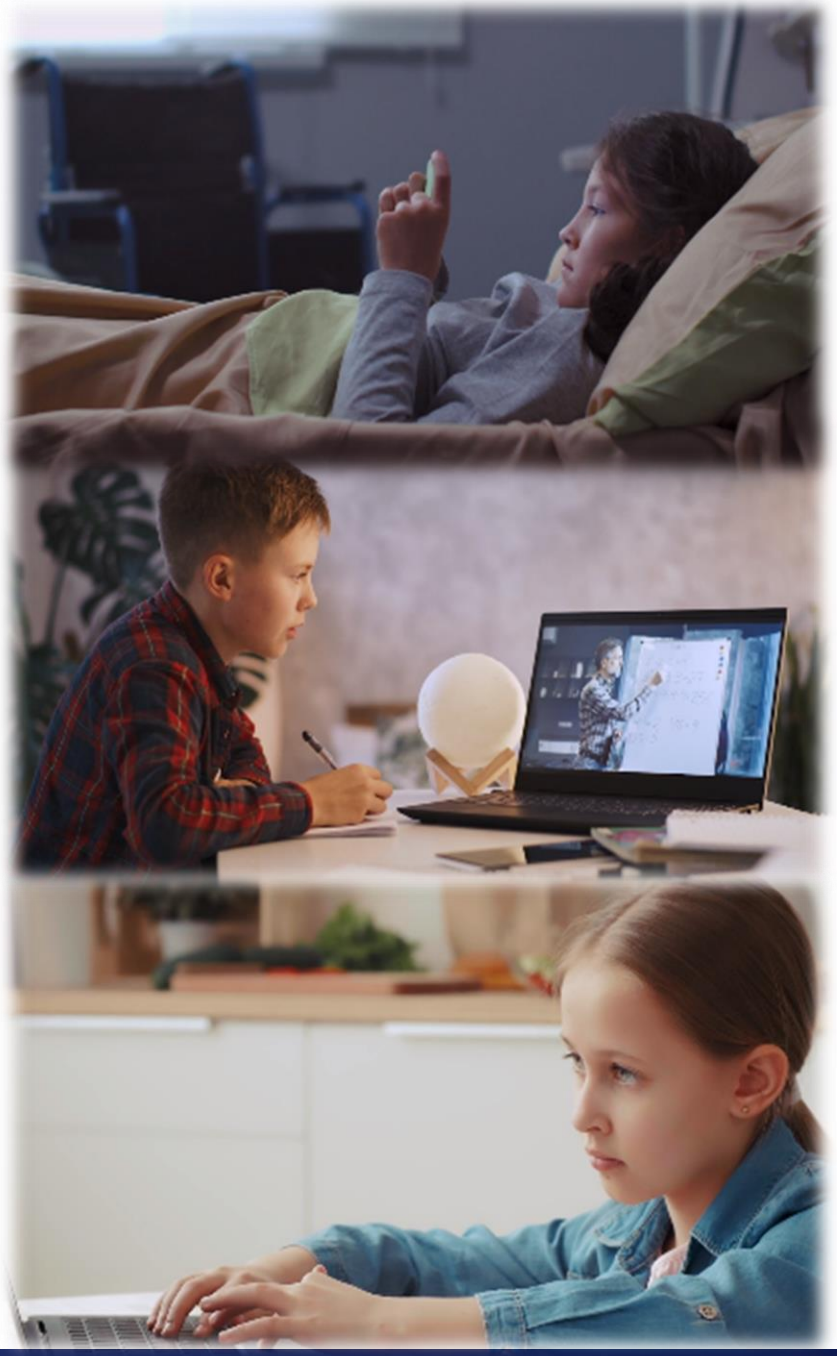
Teachers teach.

Parents homeschool.

AI Learning Helper – The future of personalized education

Challenge

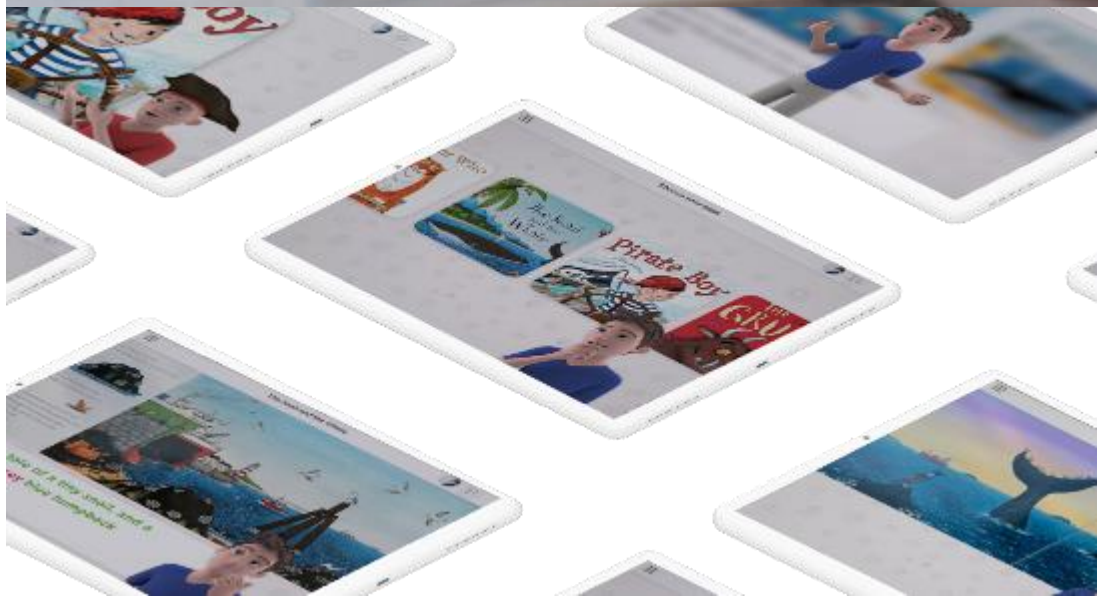
- There can be many different reasons why children cannot attend school. Disability, temporary illness, psychological problems, parent's choice or something as “unlikely” as a pandemic.
- Studying at home isn’t easy, as children miss learning with friends, feel less motivated and more distracted.
- Homeschooling is very expensive and students who cannot attend school do not get the same quality of education as normal children.
- The current situation with lock-down and reduced schooling has made this topic even more relevant than ever.

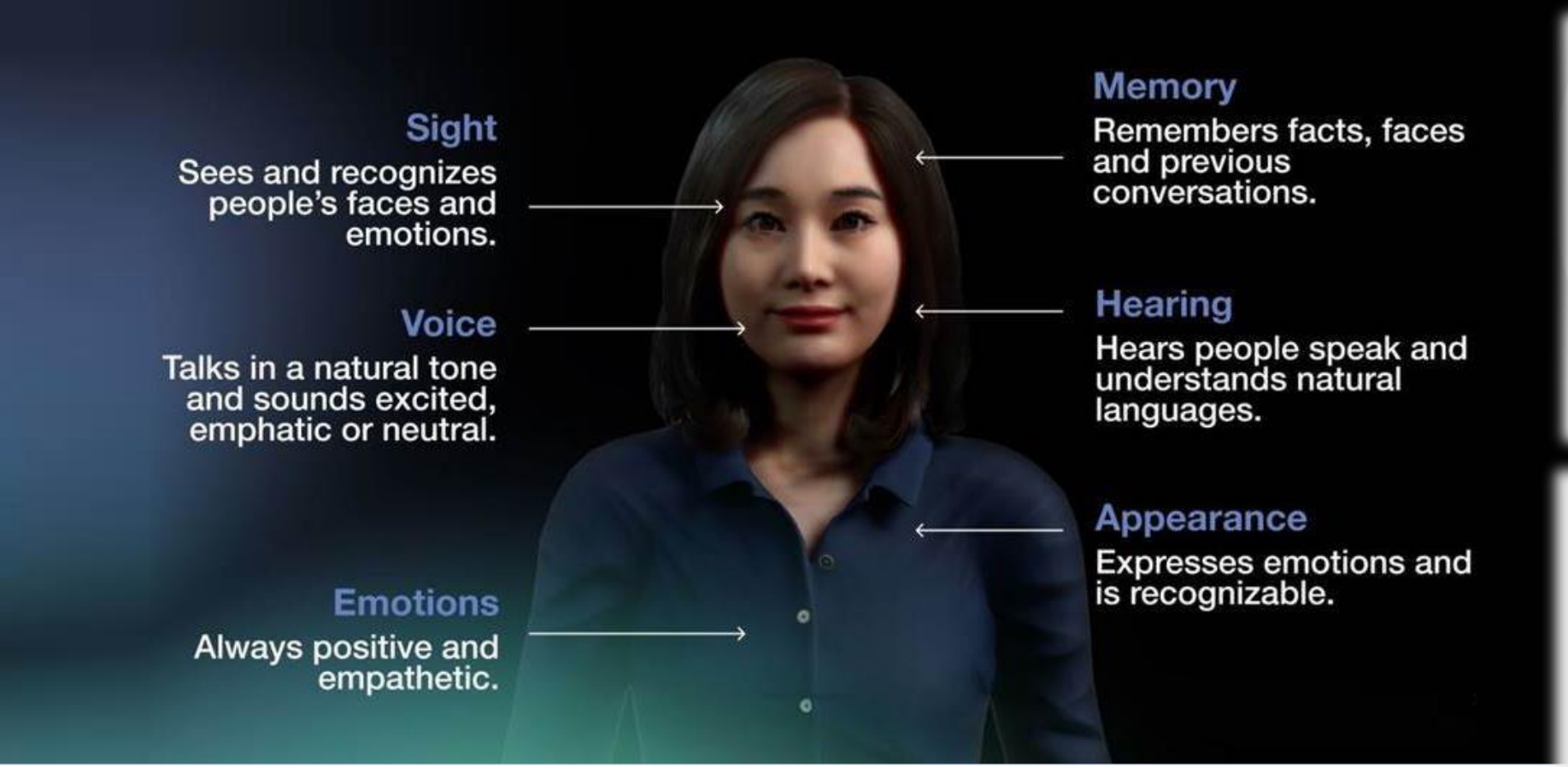


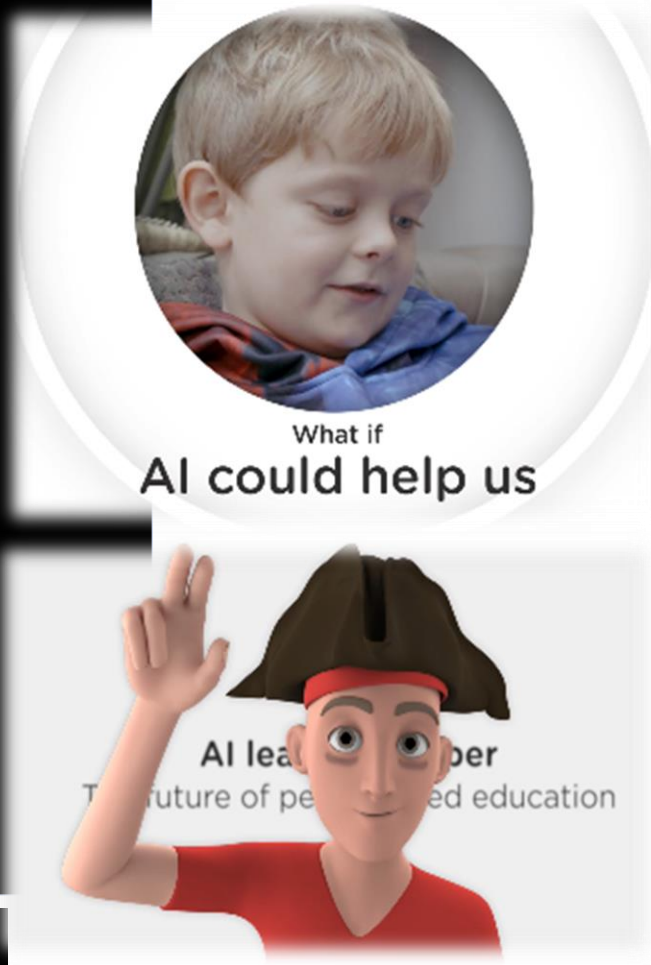
AI Learning Helper – The future of personalized education

Solution

- The AI Learning Helper is an AI-powered teaching engine, that helps children to learn how to read.
- The learning helper is emotionally responsive and tailored to each and every child to fit their learning curve.
- AI Learning Helper is infinitely scalable and has all the time in the world for every child.
- Extensive research has been done with children, teachers and parents. Different parts of the solution has continuously been tested on a focus group of children.







Powered by our Digital Human Platform

- Always available – positive and empathic
- Can be in many places at the same time
- Offers a context-based service
- Consistent advice and service levels
- Understands and communicates emotions
- Remembers people – personalized conversation

Capabilities

- Micro expression
- Body language detection
- Emotional feedback
- Phonetic based speech-to-text
- Summarization algorithms
- Q&A generation
- Image objects tagging

Decoding and comprehension

Helping children learn to read

.Improving society

Helping children, teachers and parents

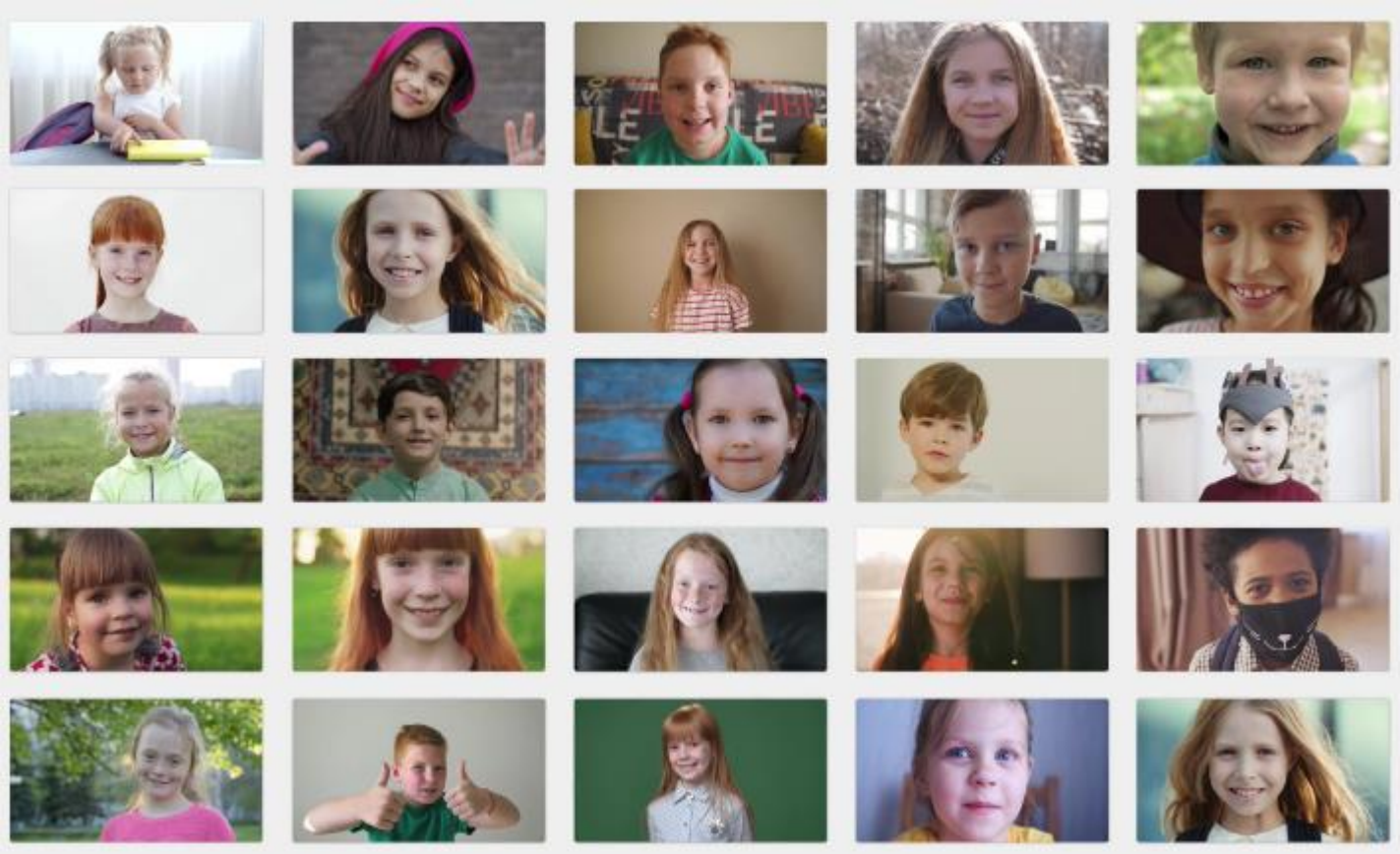
.Why?

Enhanced learning experience and subject knowledge for pupils.

Enhanced working environment for teachers.

Improving the lives of parents.

50% estimated **reduction** in cost of homeschooling.



The ambition for AI Learning Helper is to **extend** it to also teach children fundamental skills such as how to **write and do math**.

It can furthermore be extended to also help children who normally aren't enrolled in school, such as **children in rural areas or war zones**.

Finally, it can be a great supplement to any child who attends school normally but who will **still benefit from a private tutor**.

.Infinitely scalable

Has all the time in the world for every child

Vision video

https://www.youtube.com/watch?v=9GMIDwGHrKU&ab_channel=NTTDATABusinessSolutions

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