

# Lexplore

A unique AI based assessment which provides a time and cost effective analysis of reading with immediate and fully objective results.



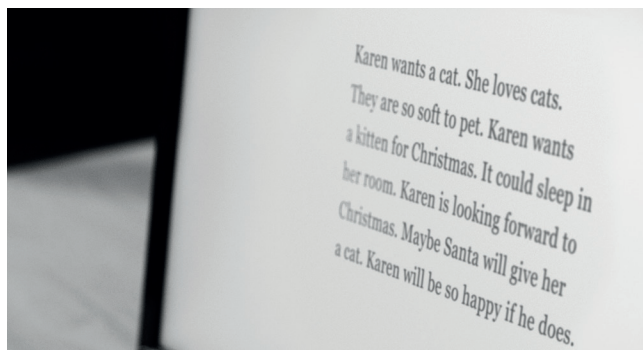
## How it works

### 1. Evidence Based Assessment

Our computer based assessment monitors a child's spontaneous eye movement whilst reading, to quickly evaluate how effectively all the complex processes of cognition involved in reading work together.

### 2. AI analysis

The eye movement pattern is then analyzed by AI which gives an objective result over the reading. The model measures natural reading in its entirety. In addition to the AI analysis, separate values are given for reading speed and reading comprehension. The computer models are based on several years of research at Karolinska Institutet. (The institute that selects the Nobel laureates in Physiology and Medicine).

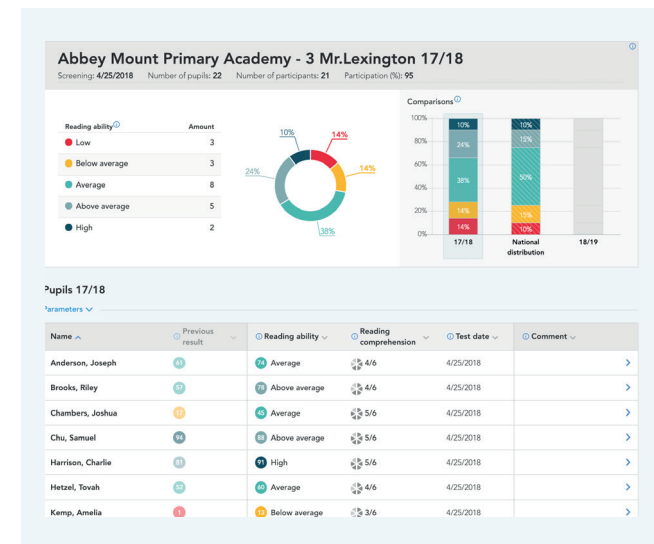


## A Clear View of Reading

Please visit [lexplore.com/international](https://lexplore.com/international) for more information [bo.kristoffersson@lexplore.com](mailto:bo.kristoffersson@lexplore.com)



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### 3. Results

The result is published in a web portal where you see the result clearly at group and individual level. In this way, the individual teacher can see which students need support or challenges while at the overall level you can use the results portal for the systematic quality work.

### 4. Recommendations and efforts

Lexplore provides individualized recommendations for each student based upon their assessment results and particular reading level. These recommendations have been prepared and reviewed by special educators, speech therapists and teachers.

### 5. Follow-up test

We recommend all children are tested at least twice during the academic year. As Our assessment takes only a of few minutes to complete, making it convenient to retest and detect even minor percentile changes. This enables schools to easily monitor reading progress, make powerful meaningful comparisons, and ensure interventions are having the intended impact.

Lexplore gives us much more than a simple score or percentile, making it easier for teachers to uncover the potential reasons why a child cannot read."

/ **Bernadette McLean**,  
Independent Literacy Expert

"The time gain with Lexplore was a huge driving force and that you could use that time for a qualitative work with the student."

/ **Adeline Schmidhuber**, Head of Education  
Department, Stockholm city

The cost of extra support, special educators and curators later in the pupil's development is much more extensive. Instead of doing it as early as possible. I cannot understand why not all schools invest in such a service, it benefits in so many ways, both human and financial."

/ **Hanna Rådehed**, Principal

"The testing process could not be easier and often is a very enjoyable experience for the pupils. The portal is very clear, straight forward and is easy to use and understand. Being able to see the child's eye movements has been fascinating, insightful and at times mesmerising."

/ **Adam Luxford**, Data Protection Officer

# Lexplore



## Early intervention is crucial

Early intervention is key when it comes to helping children with specific difficulties achieve their potential in the classroom. By offering new insight into the reading process, our assessment can identify students with difficulties in minutes, and help tailor support at a much earlier stage of their education.



## Improved school results

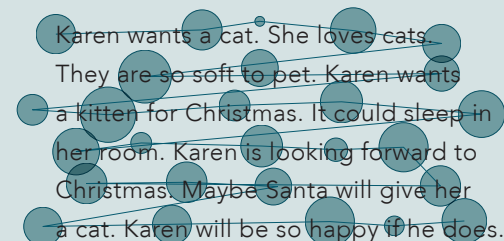
Reading skills provide the foundations upon which children can access the curriculum. Lexplore's technology advances the systematic and objective identification of reading difficulties, thereby greatly assisting schools to make changes necessary to personalize learning and ensure that all students succeed.



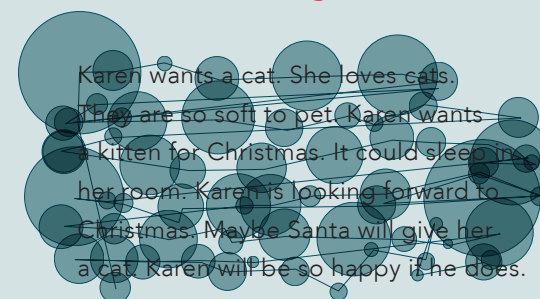
## Efficient use of resources

With a clear overview of reading, schools can quickly decide where their resources are most required and closely monitor progression over time. As both our assessment and results are paper and admin free we also greatly reduce workload, so teachers can dedicate their time to providing personal support.

## Eye movement recording from a student with a high reading attainment



## Eye movement recording from a student with a low reading attainment



Size proportionate to  
Fixation time

Eye movement

