

# NEURODEVELOPMENTAL DISORDERS

## DYSLEXIA

### 10 TIPS

TO HELP YOUR CHILD

**+ 8 TIPS WITH AI**  
THAT WILL REVOLUTIONIZE HIS LIFE



**eudonia**  
accompagner pour réussir

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# Definition of dyslexia

Dyslexia is a specific learning disorder characterized by persistent difficulties in the acquisition and automation of writing and reading.



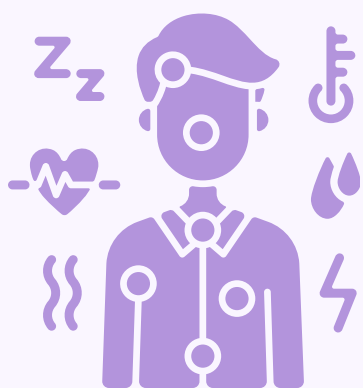
# Causes of dyslexia



The exact causes of dyslexia are still poorly understood, but it is often a hereditary and neurological disorder. Studies show that abnormalities in the functioning of brain areas involved in language may be at play.

# Common symptoms

Symptoms include difficulty recognizing written words, frequent reading errors, slow reading, spelling problems, and sometimes difficulty writing and organizing ideas on paper.



# Diagnostic

Diagnosing dyslexia is a complex process that requires a thorough evaluation by trained professionals, such as speech therapists, school psychologists, and neuropsychologists.



# Treatment and support



There is no "cure" for dyslexia, but early treatment with appropriate educational methods, such as speech therapy and specific learning techniques, can considerably improve reading and writing skills.

# Impacts on schooling

Dyslexia can make learning at school particularly difficult, affecting reading, writing, and sometimes math. These difficulties can lead to academic delays and an impact on self-confidence.



# Adaptation and aids



Educational adaptations, such as additional time for exams, adapted texts (specific fonts, audio books), and voice recognition software, can help dyslexic students.

**See our tips further**



# Dyslexia and daily life



Dyslexia can also affect daily life, making certain tasks like reading street signs, following recipes, or managing shopping lists more difficult.

## Emotional impact

Children with dyslexia may experience frustration, anxiety, and low self-esteem due to their academic difficulties.

Psychological support can be beneficial to help manage these emotions.



# Practical advice

10 practical life tips +  
8 tips where Artificial  
Intelligence can help  
your child



# 01

## Tests

Have your child tested to be sure of the diagnosis



# 02

## Use audiobooks

Encourage the use of audiobooks to facilitate understanding of texts and reduce reading frustration.



# 03

## Adopt specific fonts

Use suitable fonts like Dyslexie Font or OpenDyslexic which are designed to improve readability for dyslexics.

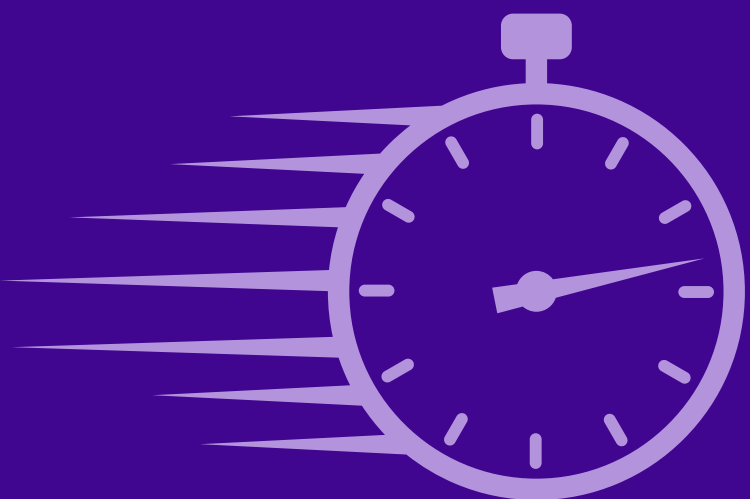
<https://dyslexiefont.com/en/typeface/>



# 04

## Set up overtime

Allow extra time for exams and homework to reduce pressure and enable greater success.



# 05

## Use digital tools

Integrate digital tools like tablets and computers with word processing software that offers automatic corrections and spelling suggestions.





# 06

## Encourage the use of voice recognition

Speech recognition apps can help children express their ideas without worrying about spelling and grammar.



# 07

## Promote shared reading

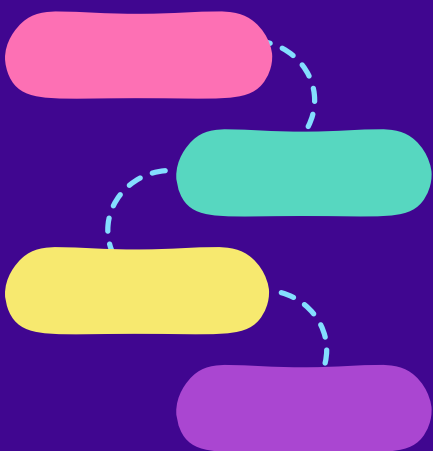
Reading aloud together can help children improve their reading fluency and strengthen their comprehension while making the activity more interactive and less stressful.



# 08

## Use diagrams and images

Incorporate visual supports such as diagrams, concept maps and images to help understand and remember information.



09

## Encourage multisensory activities

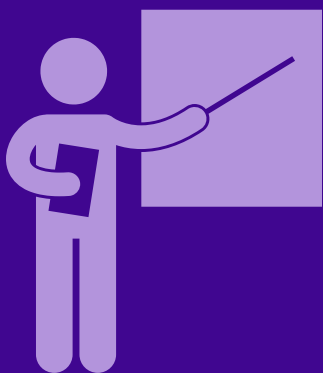
Use multisensory learning methods that involve listening, speaking, touching and movement to strengthen language and cognitive skills.



# 10

## **Collaborate with teachers**

Work closely with teachers to develop personalized support plans (PAP) and implement specific classroom strategies and adaptations.



# AI



## Practical advice

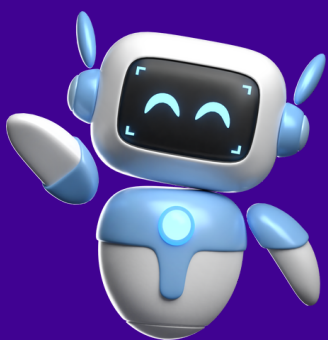
It is important to note that these generative AI solutions are not a miracle cure for dyslexia, but rather a tool that can help children with dyslexia compensate for their difficulties and develop their reading and writing skills.



# 01

## Use AI-assisted reading apps

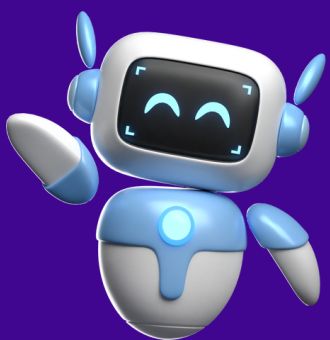
Apps like **Speechify** use AI to read text aloud, helping children with dyslexia understand written content without frustration.



# 02

## Implement spelling and grammar checkers

Tools like **Merci App** can help children correct their writing in real time, providing suggestions for corrections and explaining errors.

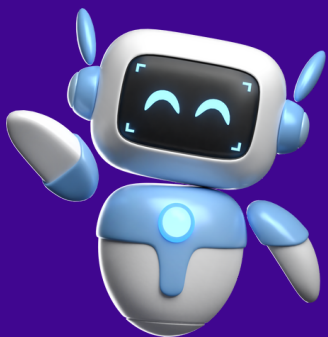




# 03

## Adopt voice recognition software

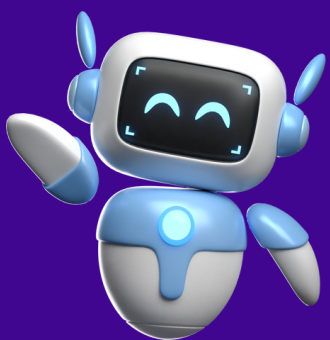
Tools like **ChatGPT** allow children to dictate their homework and reports, reducing writing challenges.



# 04

## Use visual note-taking apps

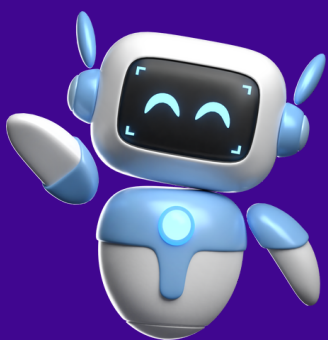
Apps like Microsoft OneNote and Evernote can convert handwritten notes into text, organize information visually, and integrate images and diagrams for better understanding.



# 05

## Personalized Educational Chatbots

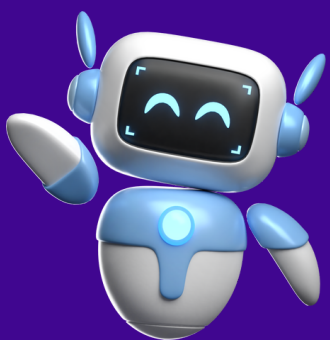
Chatbots like **ChatGPT** can provide real-time, personalized support, answer questions for students with dyslexia, and help them understand difficult concepts. They can adapt their language and explanations according to the student's level of understanding.



06

## **Adaptation of texts to children's dyslexia.**

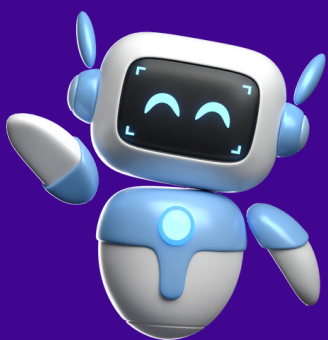
**Glaaster:** software that uses artificial intelligence to adapt texts to the child's dyslexia, by modifying the font, the spacing of words or lines.



# 07

## Use multilingual translation and writing apps

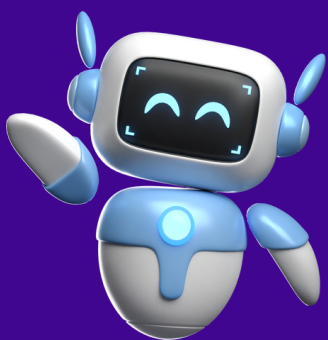
Tools like **DeepL** can help children understand and write texts in different languages, making foreign language learning easier.



# 08

## Dyslex'IA

A project which aims to provide a service with a positive social impact and to be able to be deployed on different homework help platforms, in France and then internationally.



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