

# MATH WORKS

Refer to PRACTICAL SHEETS n°:

**MC26, PP39, PP48,**

Use these TOOLBOX resources:

**MathType, Geogebra,...**

## Math works exercises

### Choosing the most adapted tools

**What are some of the most common mathematical challenges for learners with dyscalculia?**

- ...
- ...
- ...

**What is the name of this tool and what do you use it for?**



**What kind of small objects can you use to enrich a math lesson?**

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Identify the potential issues in the following:

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Your student is dyspraxic, the task is tracing geometrical shapes, what can you do to facilitate his task?

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Your student is dyslexic and needs to write a complicated algebra exercise. What can you use?

.....

You need to deliver a lesson on equations. How can you illustrate the concept visually and easily?

.....

Your student never finishes their test or exercise on time. What can you do to help?

## Math works exercises

## Using Math Type 7.4 in your lessons

## Teacher use:

- Go on <https://mathtype.informer.com/>
- Click on Download at the right format for your computer.
- Install the program and open the app.
- Go through the different use tutorials.
- Try to use the input tool to write your math exercises.
- Make a small assesement session: how useful is it?
- How can you use this to help students with dyscalculia?

## Student use:

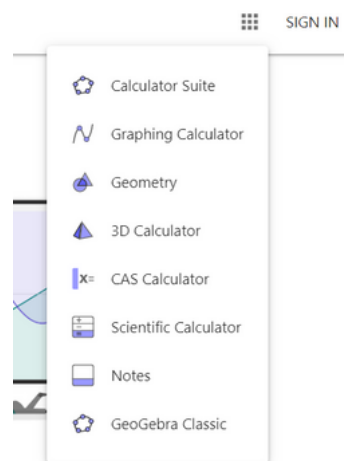
- Once you have got the hang of it, try to have your students with dyscalculia use the tool.
- Make a small tutorial session with them.
- See how much this helps them in their mathematical endaveours.

## Practical tip:

Dyscalculic students may also tend to have difficulties estimating time which may affect their performance in class, especially during tests. Giving them access to a visual timer as well as putting estimated solving time to each questions may help them manage their time better.  
<http://visualltimerapp.com/>

## Using Geogebra in your lessons

Go on Geogebra: <https://www.geogebra.org/>  
Choose your language. You may also create your own account.  
Browse the different tools available.



- Find an exercise that could be made in class and illustrate it with the tools.
- Try to adapt one of your usual class exercises to a student with dyscalculia using one of the tools on Geogebra.

## Practical questions:

How would you adapt your teaching practice for students with dyscalculia?

How would you go about assessing the efficiency of these techniques?