



Help students struggling in math

with the proven success of the computer based intervention, Calcularis.

Dybuster Calcularis helps make the process of learning math more efficient for students. It uses the latest neuroscience and advanced data analytics to adapt to the capabilities and speed of each individual learner. It supports learning development in exactly the areas where difficulties lie and provides educators with real-time data as to the progress their students are making. Calcularis addresses foundational skills that are necessary for a successful math learning experience.



Scientific studies have shown that targeted training leads to neuroplastic changes in the brain in areas associated with the development of mathematical abilities (K. Kucian, 2011). After just six weeks of Calcularis training, learners can solve over 31% more math problems (T. Kaeser A. B.-M., 2012) and increased their subtractions skills from an average percentile rank of 12.9 to 29 percentiles (T. Kaeser, 2013). In a more recent study, learners showed significant improvements in number line tasks (L. Rauscher, 2016). In addition, Calcularis has been shown to reduce math anxiety (M. von Aster, 2015).

Features and Benefits of Dybuster Calcularis

- **Personalization:** Dybuster Calcularis uses advanced data analytics to adapt to the capabilities and speed of each individual user and supports children's learning development in exactly the areas where their difficulties lie.
- **Game based learning:** The game-based courses help make learning fun. As a reward, users can purchase animals for a virtual zoo, increasing their motivation and enhancing their enjoyment in learning.
- **Independent training:** Children work independently at a computer at school or home. While it's important for adults to support and encourage learners, the software manages the training. Dybuster Calcularis indicates immediately—after each input—whether the answer given by the child is right or wrong.
- **Video tutorials:** Instructional videos guide the user gently through the program and the 17 games.

• Progress Monitoring

- > **Personal Progress:** Learners can track their progress using a fun animated graphic. This can increase their motivation and encourage them to celebrate the acquisition of new skills.
- > **Teachers:** The Dybuster Calcularis Coach program is offered to enable administrators and teachers to see which fundamental skills are being developed and trained.

How does Dybuster Calcularis Work?

- Calcularis is divided into four number ranges of progressively increasing width: 0-10, 0-20, 0-100, 0-1000. In each of the number ranges, the user works in three different areas: number processing, addition and subtraction, and multiplication and division.
- Dybuster Calcularis trains the following mathematical skills:

Skill	0-10	0-20	0-100	0-1000
Subitising	●			
Estimating	●	●	●	●
Conversion verbal-Arabic-analogue	●	●	●	●
Number line	●	●	●	●
Bigger/smaller	●	●	●	●
Intervals	●	●	●	●
Addition	●	●	●	●
Subtraction	●	●	●	●
Multiplication		●	●	●
Division		●	●	●

- 17 different learning games—in a total of 48 different varieties—support neuronal processing of numbers and promote the development of basic mathematical skills.



Introductory Single Licenses	ISBN	Price*
DYBUSTER CALCULARIS SINGLE LICENSE	0150018592	\$75
DYBUSTER CALCULARIS LICENSE PACK (10 Licenses)	0150018584	\$750
Renewal Single Licenses	ISBN	
DYBUSTER CALCULARIS SINGLE LICENSE RENEW	0150018649	\$75
Introductory Site Licenses	ISBN	
DYBUSTER CALCULARIS SITE LICENSE	0150018657	\$1,950
Renewal Site Licenses	ISBN	
DYBUSTER CALCULARIS SITE LICENSE RENEW	0150018673	\$1,950

* Prices are valid in the United States through Dec 31, 2017 and are subject to change without notice.

System Requirements	Windows: Win Vista, Win 7 or Win 8, Win 10 Mac OS: Mac OS X 10.6 or later Graphics card: Support for OpenGL 1.4 or newer Linux: Debian 8, Ubuntu 14 and others Screen resolution: Minimum 800 x 600 pixels Internet connection
Sales Support	Contact us through email at dybusterinfo@pearson.com or 1-888-988-8048 by phone
Technical Support	Contact us through email at dybustersupport@pearson.com or 1-888-988-8048 by phone
Websites	Pearsonclinical.com/DybusterCalcularis and http://dybuster.com/en/start