

Section 3

Chapter 11 - Videogames, Apps And Education In The Field Of Pre-Primary And Primary Education

Exemplary case 2

Title: **Legakids Calculation and Reading Games**

Link: <https://www.legakids.net/>

Description:

With the background that 7,5 Million adult functional analphabets live in Germany Legakids started 2004 as a project to foster reading, writing and calculation. There are many children with problems in reading, writing or calculation, often because of dyslexia. Independent from the cause the children often suffer fundamentally from their deficits in these areas. Legakids wants to help such children to gain back a desire on learning letters and numbers and to get back a lust of life and learning. One step to reach this target is to provide many online games which are humorous and motivating.

The calculation games e.g. are developed on the following basis:

1. Numbers, Calculation and Mathematics get concrete in daily life situations. The child experience, that it can choose mathematical signs and terms depending on the situation.
2. Once the child has understood the basic arithmetical operations it is important to train the mental arithmetic skills

App: ‚Number chase‘ - <https://www.legakids.net/eltern-lehrer/lernmaterialien/legakids-apps/>

The child chooses one multiplication table (e.g. 1 x 4, 2 x 4, 3 x 4, etc.). There are three rounds where clouds with numbers appear. The child has to flash numbers from the chosen multiplications table. There are extra points for flashing the Lurs monster.



The games for reading and writing comprise the following areas:

- Reading technique, speed of reading
- Reading comprehension
- Orthography, speech comprehension
- Visual and auditive attention

There is e.g. a chapter regarding vowels where teachers can find

- a video
- information
- further ideas for games
- a work sheet
- a game

<https://www.legakids.net/kids/lurs-akademie/akademie-folge-5/#c4455>

