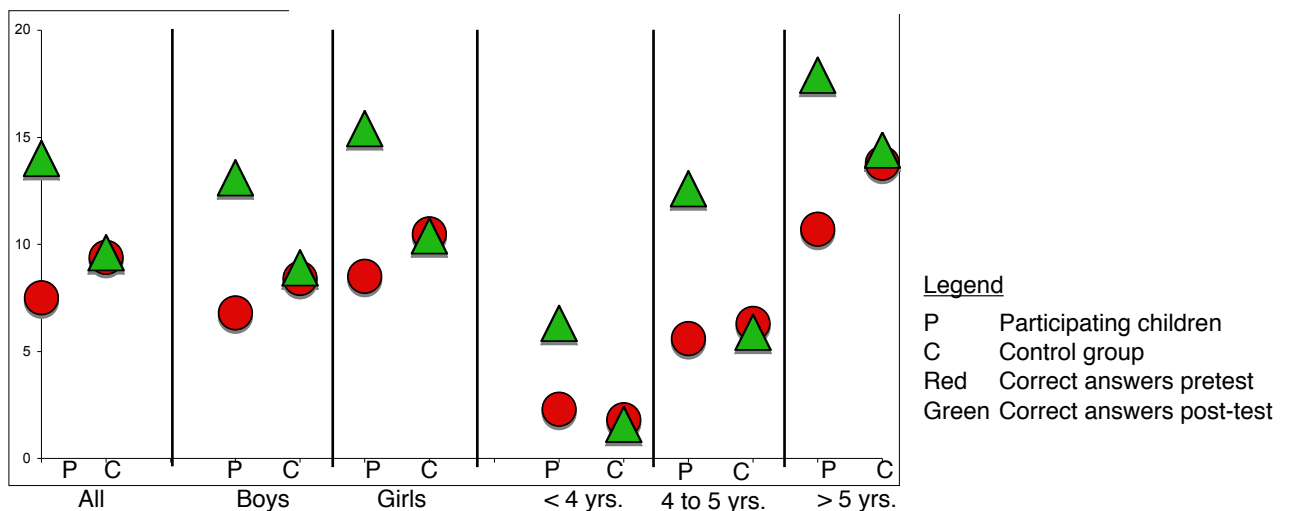




Scientific findings on „Let's visit Numberland“: 1. Perception-bound Thinking



Findings

- Within only ten weeks, children of all age groups achieved at least the starting level of the one year older children.
- Boys and girls benefited similarly.
- The results were independent from the family background of the children.
- Teachers and parents alike were very positive and comfortable (not depicted here)

Implications

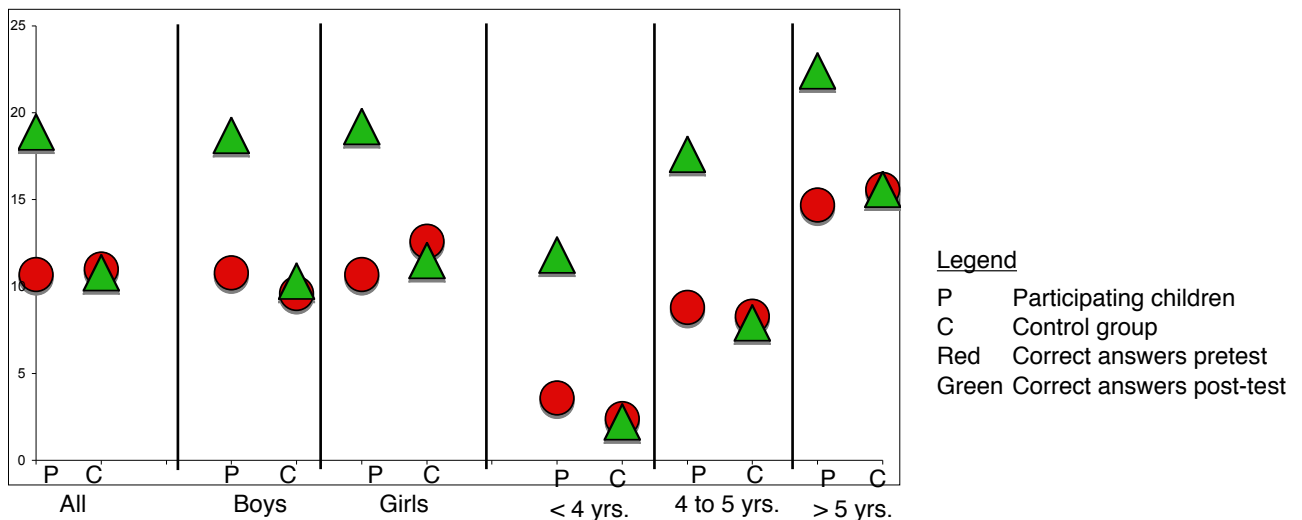
- „Let's visit Numberland“ is highly efficient tool
- It addresses skills and knowledge relevant for first grade
- The concept helps to narrow the gap between children

Reference:

Gerhard Friedrich, Horst Munz: *Foerderung schulischer Vorlaeufferfähigkeiten durch das didaktische Konzept "Komm mit ins Zahlenland"*. In: *Psychologie in Erziehung und Unterricht*, 2006, Vol. 53, pp. 134-146. Ernst-Reinhardt-Verlag Munich



Scientific findings on „Let's visit Numberland“: 2. Language skills



Findings

- In terms of both active and passive language skills, children of all age-groups gained more than one year within only ten weeks.
- The effects were the same for boys and girls.
- Prior to the project, a substantial part of the participating children had had major language deficits.

Implications

- „Let's visit Numberland“ is an efficient concept for teaching both math and language together.
- The concept is particularly suitable for a second or a foreign language.
- Beyond that, important soft skills are addressed (Reported from teachers)

Reference:

Gerhard Friedrich, Horst Munz: *Foerderung schulischer Vorlaeueferfaehigkeiten durch das didaktische Konzept "Komm mit ins Zahlenland"*. In: *Psychologie in Erziehung und Unterricht*, 2006, Vol. 53, pp. 134-146. Ernst-Reinhardt-Verlag Munich



10 reasons for *this* Numberland

1. Significant, enduring effects on perception-bound thinking as well as on language.
2. The co-constructive educational concept supports children's self-education.
3. „Let's visit Numberland“ values the teachers' knowledge and experience and strengthens their educational competence.
4. Primary teachers explicitly recommend „Let's visit Numberland“ and appreciate the educational principles (e. g. including zero; design of houses).
5. The open frame provides a clear structure without limiting the scope of individuality and creativity.
6. Teachers are enthusiastic about the creative, flexible possibilities and the positives, motivating effects on the children.
7. The concept can be easily adapted to different needs and thus reaches all children.
8. Our Numberland is a starting point for many other educationally relevant activities.
9. „Let's visit Numberland“ is the only Numberland concept with scientific and positive evaluation.
10. The provided handbook on „Let's visit Numberland“ provides everything needed, incl. CD and ideas for low-cost self-constructed material. In addition, optional high quality materials are provided by a company.