Teaching mathematics through games in primary schools (grades 1-3)

Metódy inžinierskej práce 2022/2023

Tomáš Brček

22. november 2022

Contents

- Why did I choose this topic?
- Introduction
- Related work
- Game-based learning
- How often do primary teachers use games to support mathematics instruction?
- World programs
- Conclusion

Why did I choose this topic?

Introduction

- mathematics and games
- technologies
- students are changing
- Is it really beneficial?
- impact on motivation



How often do primary teachers use games to support mathematics instruction?

Table: Frequency Teachers Reported Playing Mathematical Games

	F-Y2 Only	Y3-Y4 Only	Total
	(n = 78)	(n = 63)	(n = 248)
All the time (about 4-5 times per week)	35%	35%	32%
Often (2-3 times per week)	45%	46%	47%
Sometimes (once per week)	19%	17%	19%
Rarely (once per month)	1%	2%	2%
Never	0%	0%	0%
Total	100%	100%	100%

World programs

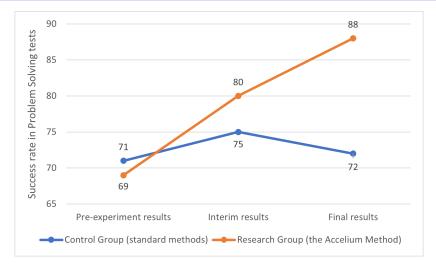


Figure: The Accelium Method & Problem Solving