





















考察

- ・短期の介入で米国の1年生は2年生のような 理解をしめした。
- 数学言語に関する研究をふまてた授業介入で、 子どもの数学力に影響を及ぼすことが可能で ある。



日本語は最適?

- 欠点 classifier system
- ・日本語も韓国語も2つの数詞の数え方がある

韓国語の数詞の数え方 1から10までの数

	1	2	3	4	5	6	7	8	9	10
I-K	hana	dool	set	net	dasut	yusut	ilgop	yudulp	ahop	yul
S-K	il	ee	sam	sah	oh	yook	chil	pal	g00	shib

10より大きい数

	11	12	13	14		20	25	35	45
I-K	yul-hana	yul-dool	yul-set	yul-net	I-K	sumul	sumul-dasut	sulheun-dasut	maheun-da:
S-K	shib-il	shib-ee	shib-sam	shib-sah	S-K	ee-shib	ee-shib-oh	sam-shib-oh	sah-shib-o

S-K 十進法に則っているが、I-Kの表現は20以降はそうでない





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Preschoolers' Intrinsic Spatial Reasoning

- 45 children (22 girls)
- 4 years 6 months
- 5 measures
- ✓ How do children do on the 5 measures (relations)?
- ✓ Is familiarity a factor?
- ✓ Any demographic factors?



Demographic Factors?

- Only gender difference
 - Girls > Boys on the Puzzle task
- Only maternal education difference

 Graduate School > High School on the Embedded Figures Test
- Age of preschool entry

 Earlier > Later on all measures

Preschoolers' Intrinsic Spatial Reasoning How do children do on the 5 measures (relations)? Mostly expected but some unexpected

- ✓ Is familiarity a factor?
 - Context matters
- ✓ Any demographic factors?
 - Early entry to preschool matters













