



STRENGTHENING THE WAYS OF MATHEMATIZING OF THE MAPUCHE PEOPLE AT THE SCHOOL

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9th International Mathematics Education and Society Conference (MES 9)
Volos, Grecia, 7 -12 de abril 2017



European
Commission

Horizon 2020
European Union funding
for Research & Innovation



THE MAPUCHE PEOPLE

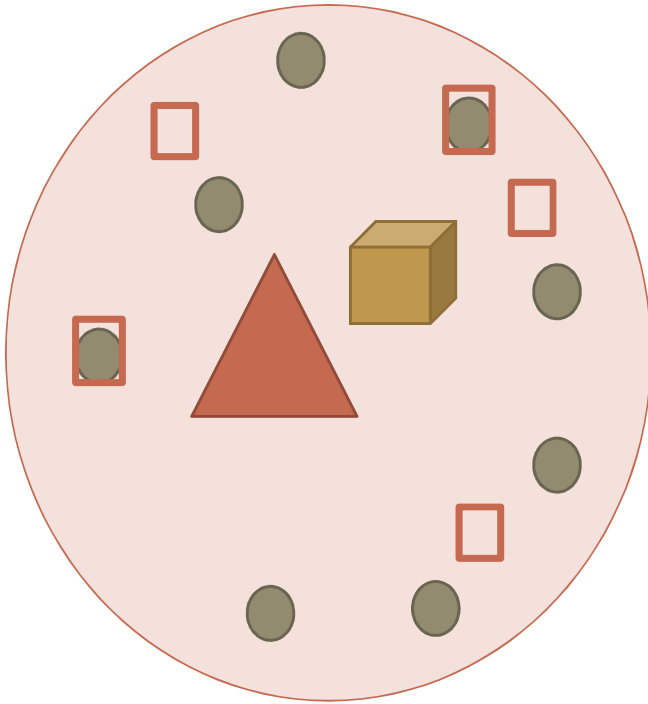
Mapuche people represents the 89% of the total indigenous population in Chile.

Currently *Mapudungun* speakers (Mapuche language) fluctuate between 100.000 and 400.000 people with diverse levels of *Mapudungun* comprehension.

All Mapuche children assist to mono-cultural school system.

Social conflict + school conflict

THE RESEARCH



Mapuche Community

Home / Family particular land
Elderly / Wise ones / *Kimche*
Key information / Mathematics + Method

Schools
Teachers / Students / Families
Co-construction and classroom activities
application + Schools validation

Community's meeting place / *Ruka*
All participants
Validation of Mapuche community



STRENGTHENING THE WAYS OF MATHEMATIZE OF THE MAPUCHE PEOPLE AT THE SCHOOL

- ❖ Include diverse mathematical representations or procedures of Mapuche's Culture.
- ❖ Negotiation of meanings, establishment of a common terminology according to the students' and the family productions or arguments.
- ❖ Use of *Mapudungun* in the mathematical outcome of the proposed task.

e.g. *Püron + Rakin*



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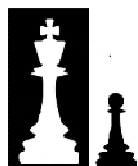
- ❖ To promote thinking through questions and arguments emerged from oral language.
- ❖ To value and to respect diverse mathematical contributions.
- ❖ Creation of collective constructs connecting math use with the ancestral and contemporary culture, projecting and putting it at the service of the community's problems.

e.g. *Püron + Rakin*



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INCASI *International Network for
Comparative Analysis of Social Inequalities*



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