



There are 168 000 lakes in Finland

- Aquatic skills are necessary - especially during the summer months
- Swimming skills are categorized as lifesaving skills
- Therefore, it is mentioned as obligatory content in the national basic curriculum



AIESEP 2019

0.6.2019



It is necessary for parents to be aware of their children's water competence

 That is why the purpose of this pilot study was to find out parents' awareness about their children's water competence



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Methods

- Parents of 13 preschool children (4 boys, 9 girls, 6 –years of age) answered the questionnaire based on the Pictorial Scale of Perceived Water Competence (pilot version 1)
- Parents filled up the questionnaire before their children started the swimming school, taught by the swimming teacher.

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The questionnaire

 The questionnaire included 16 different aquatic situations, at three different skill levels.







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Comparison of parents answers and swimming teacher's evaluation

- During the first lesson, the swimming teacher evaluated children's aquatic skills
- Evaluation was based on the same questionnaire with 16 situations
- Skill levels changed as points:
 - / Not able = 1 point,
 - / In progress= 2 points
 - / Able = 3 points,
 - / max. 48 points
- ⇒ Comparison of answers
- ⇒ Percentage (%) of similar skill level were measured

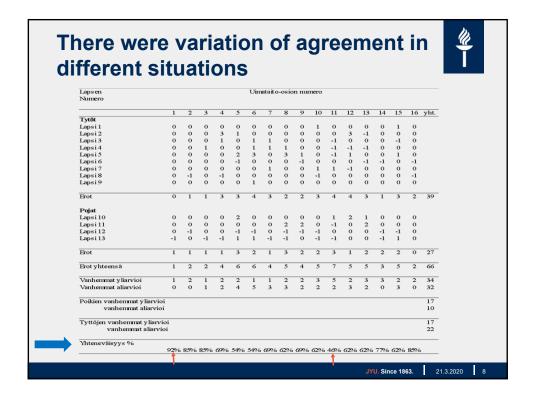
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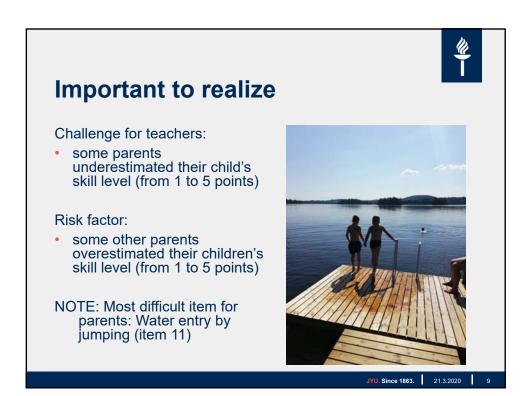


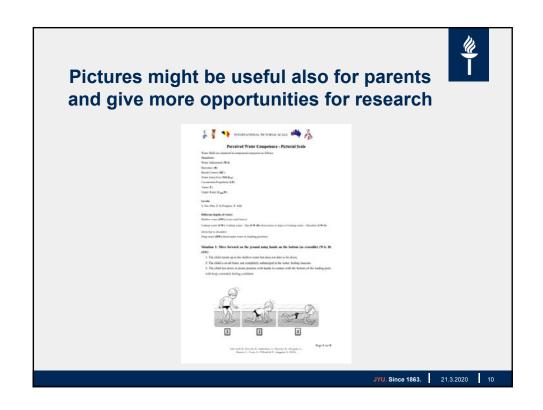
Overall agreement

 Agreement percentage between the parents and the swimming teacher was 68,4%

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Interesting to measure agreement % between swimming teacher and children?





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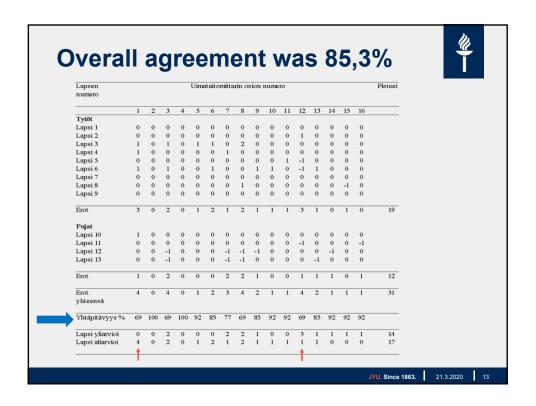
Children's own perception compared to teacher's evaluation



Method:

- After swimming school (10 lesson x 60 minutes), children answered the pictorial version of questionnaire
- Teacher evaluated children's skills during the last swimming lesson and filled up the same pictorial version of questionnaire as the children
- ⇒ Comparison of answers
- ⇒ Percentage (%) of similar skill level were measured

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Conclusions



- Parent's evaluation of their child's aquatic skills may not be valid
 - / Difficulties in floating skills (back and front star) and water entry by jumping
- Children were surprisingly accurate in their own evaluations
 - / Some difficulties were found because of misunderstanding pictures
 - => need still to clarify some pictures

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Conclusions

After finalizing the pictorial measurement, there will be many interesting and important possibilies:

- international reseach tool
- increase parents understanding about different aquatic skills
 - => motivates for aquatic activities
 - => increase water safety

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15



Excellent tool for teachers...

Before swimming lessons to have an idea about children's skill levels...

- / To differentiate their teaching based on children's skill levels
- / Important self-evaluation method in school context
- / Gives possibilities to release concrete information from school to parents

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16



