Progress Antwerp
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Risks and safety in adventurous playgrounds
What to expect?

- Safety?
- Legislation
- A video
- Risk analysis
- Norm (EN)
- Risks in the planning
- An exercise (theory)
Safety First?
“Since the world is full of risks, children need to learn to recognize and respond to them in order to protect themselves and to develop their own risk-assessment capabilities.”

**Danger:** potential source of injury or health-problems, ALWAYS THERE

**Risk:** combination of the size of the potential damage and chance of damage. OFTEN OK
EN (European Norm)
ex: EN 1176

• NOT legislation > NOT (absolute) obligation
• Technical situation at the moment
• Deviate? > risk analysis
• Guideline for risk –level (reference)

TOP 3
• Falling
• crashing
• Others

*entrapment!*
EN (European Norm)
ex: EN 1176

• Play sets top 3 of accidents (total 80%)
Risk analysis

• Determining the borders
• Detection of the dangers
• Analysis of the risks
• \( \text{RISK} = \text{severity} \times \text{exposure} \times \text{probability} \)
• Risk –evaluation
• Risk –reduction (if required)
Risks in the entire roadmap

- Pre-analysis
- Vision development
- Wishes & Planning
- Elaboration
- Evaluation (risk analysis etc.)
- Use
- Management (controls)
Choice of plants
Sand
Animals
Free Stuff

Playing in Water
Making Fire
(Tree) Climbing
Constructions build by children
Theoretical EXERSICE

‘THEMES’
Playing in Water
Making Fire
(Tree) Climbing
Constructions build by children

MINDMAPPING
- Benefits – Play value - Thrills
- Use (meant – expected - not meant)
- Dangers
- Risks
- Measures
- Review – Maintenance - Annual Control
- ...

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