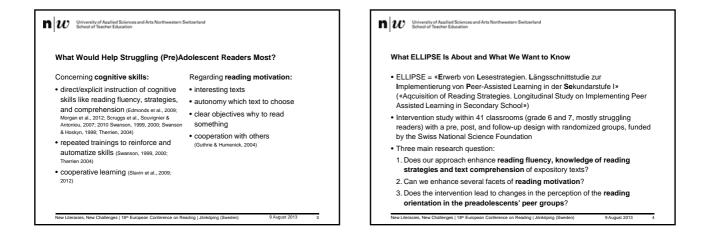


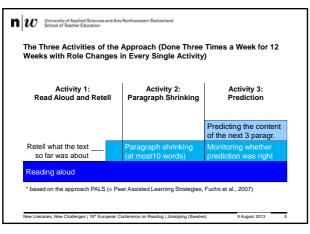
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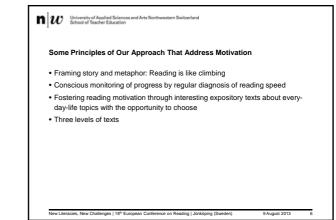
## What Do Struggling Adolescent Readers Suffer From (Besides and Beyond Their Poor Reading Comprehension)?

- low reading fluency their decoding is too slow, too inaccurate and they do
  not notice (enough) mistakes they make (Arteit et al., 2002; Klipcera & Schabmann, 1993;
  Reletisdort et al., 2012)
- Low use and awareness of adequate reading strategies (Artelt et al., 2002; Lau, 2006; Lau & Chan, 2003; Naumann et al., 2010; Winograd, 1984)
- Low reading motivation (Artel et al., 2002; Butkowsky & Willows, 1980; Lau & Chan, 2003; Law, 2009; Logan et al., 2011; Naumann et al., 2010; McGeown et al., 2012)
   → they even experience a (sharp) decline in reading motivation during secondary school (Archambault et al., 2010; Gottfried, 1990; Guthrie et al. 2012b; Hamilton et al., in press; Philipp, 2010, Stalder, 2013)
- Ittle, if any explicit instruction concerning reading strategies with teachers
   as models and scatfolders in their regular classrooms (Briten & Anmarkud, 2012; Durkin,
   1978; Hamman et al., 2000; Kleinkob, 2010)

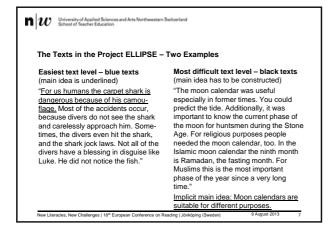
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Maik Philipp, Katharina Kirchhofer , Martin Brändli,(Center for Reading, Windisch, Switzerland): Fostering Reading "Empeerically" – Help for Struggling Readers by Means of Cooperative Learning

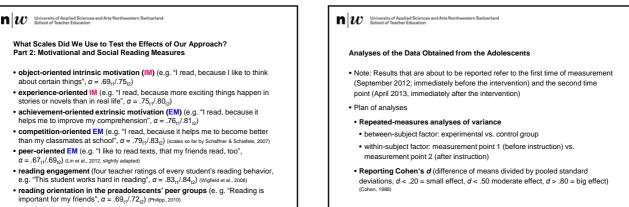


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## What Instruments Did We Use to Test the Effects of Our Approach? Part 1: Cognitive Reading Measures

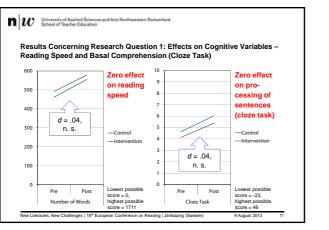
- reading fluency: preadolescents read 4 minutes a texts (measure for reading speed/number or words read) and select one of three words in brackets that fits into context (cloze task, 23 brackets at all) (standardized test; LGVT 6-12) (Ennemose; Schlagmüller & Schneider, 2007)
- knowledge of reading strategies: pre adolescents judge 5 to 6 alternatives of possible approaches in five situations (38 comparisons of alternatives; also used as an abbreviated version in PISA 2009; α = .83<sub>t1</sub>/.84<sub>t2</sub>) (Neuenhaus, 2010)
- reading comprehension: two texts on tornados and vulcanos with 18 multiple choice questions (standardized test, FLVT 5-6; α = .60–.74) (Souvignier, Trenk-Hinterberger, Adam-Schwebe & Gold, 2008)

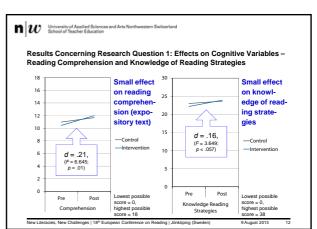
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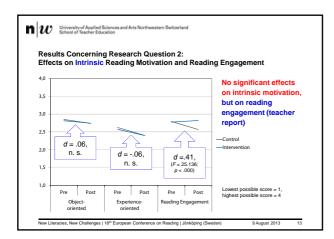
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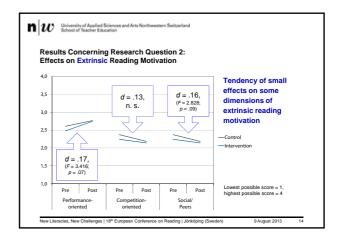


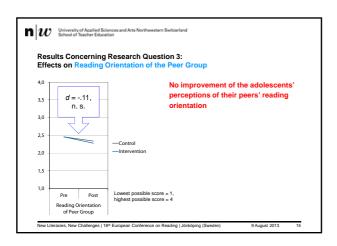


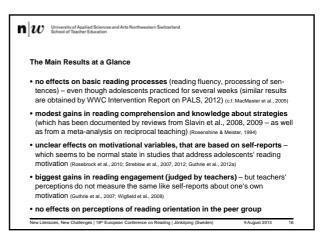
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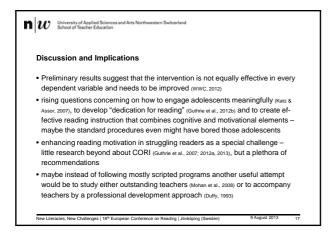
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