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Cooperation types specific for barriers.

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Summary: We present the results of a study analysing the cooperative behaviour of fifth-grade student pairs when they have to overcome a difficulty (a barrier) in a mathematical problem task. As analysing method we used content analysis as well as frequency-tests (χ^2 -test, CFA, Freeman-Halton-test). Our results help to confirm and elaborate the vague assumptions about cooperation types occurring at barriers based on the results of existing studies. In addition, our results suggest that ‘presenting an idea of how or why to do sth.’ could be relevant for overcoming the barrier in a pair.

Classification: C73 C43 D53

Keywords: cooperative behavior; problem solving; barriers in problem solving; cooperation types