## **EdMedia Best practices**

Can training on one number sense skill be generalized to overall improved number sense?

Results from an intervention study with a new tablet game.

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Basic number processing skills (e.g. number comparison and number line estimation) have proven to be predictive for later mathematics achievement. Therefore, a lot of intervention studies focused on improving these skills. However, as it has recently been questioned whether both skills measure the same number sense ability, we designed an intervention study with a new tablet game. Playing with this 'Save the Planet'- game, in several levels, kindergartners practiced either their comparison skills (group 1) or their estimation skills (group 2). By means of a pre- and post-test consisting of (non-)symbolic comparison and number line estimations tasks, it was measured whether training on one of these basic number processing skills could be generalized to the other. Results from this intervention study will be available at the conference.