



# Teaching Student-Centered Mathematics: Grades K-3

*John A. Van de Walle, Lou Ann H. Lovin*

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Grade. Pages. Teaching Student-Centered Mathematics. K-3. 83 (Finding Factors, Activity 3.4) 84 (The Broken Multiplication Key, Activity 3.6). Fundamentals. Student-Facing Centers. These links provide online and print resources to engage students during independent or center time. These resources could also be used as lesson seeds. Request PDF on ResearchGate | On Jan 1, 2018, John Van de Walle and others published Teaching student centered mathematics: Teaching developmentally in grades 3-5. The role of a teacher is different from that in traditional mathematics instruction when the implementation of a lesson is based on students' ideas. The author's experience teaching the same lesson (of the latter format) to two different classes of pre-service teachers in an elementary mathematics methods course is described. Since whole-class discussions were conducted using student presentations, the two classes "looked" very different, emphasizing the unpredictability of the teaching method.