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Using picture story books to discover and explore the concept of equivalence.

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Summary: This article describes activities in which students deepen their relational understanding of the equals sign through exploring inequalities in a competitive dice game, built around the familiar fairy-tale *The three little pigs* and *The big bad wolf*. The activity can be adapted to different abilities by choosing more or less challenging dice combinations. The two follow-up investigations, based on the story *Who sank the boat?*, are intended to consolidate (Investigation 1), and further extend (Investigation 2), student understanding of the equivalence concept. (ERIC)

Classification: U60 D40 H30

Keywords: picture books; teaching methods; activities; equivalence; mathematical concepts; activities