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Knowing where you are going helps you know how to get there.

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Summary: This article illustrates a teaching exploration at an Indigenous Community School in the Kimberley region of Western Australia that sought to use a specific way of thinking about particular content domain, subtraction, to develop focused, mathematically-rich learning experiences. First, the authors explain the importance of having clear mathematical goals (knowing where you are going), and then they describe some illustrative activities (how to get there) that were used over the four 90-minute lessons. They also present data that indicate that there was positive student achievement as a result of the experience. (Contains 2 figures.) (ERIC)

Classification: D42 C72

Keywords: indigenous populations; teaching methods; mathematics achievement; mathematics skills; elementary school mathematics; educational games; cognitive processes

<http://www.aamt.edu.au/Webshop/Entire-catalogue/Australian-Primary-Mathematics-Classroom>