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The Mathematical Kangaroo competition, organized by AKSF, has been held for more than 25 years and has as its main objective the popularization of mathematics. This is achieved through a competition that includes striking mathematical problems, with an approach that is not necessarily taught regularly in the classroom. Currently over 80 countries participate and all contribute to the database from which the final questions are selected, in 6 different levels for students from elementary school to High School. In this Talk details of the Mathematical Kangaroo competition are presented, including selected problems of several years and levels. This activity is undoubtedly an important teaching resource to help foster mathematics and help the understanding of mathematical concepts, ideas and applications. The problems of this competition stimulate the search for patterns, development of algorithms and the use of basic notions in non-typical situations, helping to develop creativity. On the other hand, this competition has served as a mechanism for the collaboration of math professors in different educational projects. (Received September 05, 2019)