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Mathematical Modeling in High School Mathematics.

The mathematical content of the high school curriculum offers a vast array of new tools appropriate for mathematical modeling. At the same time, the life experiences and interests of high school students are rapidly expanding, opening the door to a variety of real-world problems from every discipline for their investigation. The High School section of the GAIMME Report focuses on these unique opportunities and some of the special issues that arise in teaching modeling in high school. This presentation will highlight some distinguishing features of modeling in the high school curriculum. (Received September 16, 2016)