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Faiz B. Al-Rubae* (falrubae@unf.edu), 4567 St. Johns Bluff Road South, Jacksonville, FL 32224. *Models for middle school gifted students in mathematics, chemistry and engineering summer camp activities.*

This presentation will address the content, organization, and the recruitment mechanism for the mathematics, science, and engineering summer camp 2005 for gifted middle school students. The Camp was funded by the Florida Department of Education and hosted at the University of North Florida. The Camp targeted 25 gifted middle school students from three counties in Florida. The presentation will provide the objectives, evaluation, and the format of this camp. Also, the presentation will provide samples of the challenging projects in mathematics, chemistry, and mechanical, electrical, and civil engineering activities. The successful and balanced approach between the public school emphasis and demand on standards-based activities on one hand and university faculty interests in enrichment and inspirational challenging activities on the other hand will be reflected through these sample projects. Finally, we will summarize and present the formal and informal evaluation outcomes of this Camp. (Received September 12, 2005)