

1096-F1-2586 **Feryal Alayont*** (alayontf@gvsu.edu), GVSU Mathematics Department, 1 Campus Dr.,
Allendale, MI 49401. *Preparing students for linear algebra concepts with pre-class work.*

When trying to understand the abstract concepts of linear algebra, such as vector spaces, linear independence and span, examples and geometric perspective can be useful tools for students. However, class time is too limited to be able to offer these tools at all times. Moving some of the example creation, conjecturing, and geometric visualization to pre-class activities that students complete before coming to class provides time in the classroom for building deeper understanding from the students' own examples and results. In this talk, I will describe my format for these pre-class activities, and student responses to the activities. (Received September 17, 2013)