Teacher – Mrs. Volynskaya and the Math Fair Field Trip to WPU November 14, 2014

Prior to the Math Field Trip, Students were instructed on the dress code, the safety issues and appropriate behavior during the trip. Additionally, students were advised to carefully listen and actively participate in the WPU Math Professors’ presentations, as well as to be engaged in the hands-on activities from the NYC Museum of Mathematics exhibits.

Students were given rubrics for Math Fair participation and the self-evaluation forms (attached)

The Math Fair activities will be relevant to those topics currently being covered in the Pre-Calculus classroom.

Prior to this trip Students were working on the Number Line Tightrope project, which will be a part of the Math Fair Presentations. Additionally, students were familiarized with other interesting topics to be presented at the Math Fair (e.g. Funny face – Functions’ graphs transformations, Ring of Fire – investigations of 3d solids, and Roller Graphicoaster)

The Math Fair is a very fun, educational, exploratory, hands-on, and interactive event, which is aligned to the NCTM Standards -based curriculum. All activities are focused on Problem Solving, Reasoning and Proof, Communication, Connections, and Representations (the Correlation between Math Midway activities and Mathematical Practices of the Common Core State Standards Form is attached)

There are lots of ways to use the Math Fair activities in the classroom to create excitement about mathematics while helping students to learn new content or master new skills.

The Math Fair also shows interesting contexts where mathematical ideas can be highlighted, encouraging students to find their own connections between mathematics and their everyday life.

Once the Math Fair activities are over, Students will be required to fill in the Post-Evaluation and Self –Evaluation forms (attached).