

Building on Strengths & Interests: Motivating Latino Students

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All students want to experience:

- * A sense of belonging
- * A sense of accomplishment
- * Teenagers are social

Learning Math is IMPORTANT !

- Math is*everywhere*
- Future STEM careers \$\$\$\$\$

LIVE the Mathematics !

- “Experience” real life applications
- Give them “something to talk about !”

Classroom Activities

Passive:

- Computer software
- * **Paper Folding**
 - Textbook Scavenger Hunt
 - Bingo
- * **Spider Web** (supplementary Angles, Collinear points)
 - Triangle Inequality (construction)
 - Koch’s Snowflake (construction)
 - Map Reading (3.1 Parallel and Perpendicular)

Semi Active:

- Centroid (5.4 Medians of a Triangle)
- Origami (Tri-color Cube) (Collaborative groups)
- Area and Geometric Probability (Collaborative groups)
- * **QR Codes** (Collaborative groups)
 - Algebra Relay (combining Like Terms) in Rows

Active:

- Gumdrops & Spaghetti (Collaborative groups)
- Forensics (Police Investigations) (partners)
- Blood Pressure (partners)
- Go Car Go (Collaborative groups)
- Egg Hunt (Collaborative groups)
- Pi Day
- * **Survivor** (Collaborative groups)

* Included in Hands-on packet at Gallery workshop