

# What's the Problem?

## Changing Classes...

- Time allowed between classes = 4 minutes
- Average Walking Speed for a Middle School Student = 3 miles per hour
- Average Distance between classes = 80 feet
- School Dimensions shown below (this can be used to determine the longest possible distance between classes)

### Things to consider:

- Some classes are upstairs, and students may need to go up or down stairs during the class break
- There are two sets of bathrooms in the school, and access during class time is limited
- Class rooms for the same grade level are usually nearby one another, but certain classes (PE, art, music, foreign language, media center, etc.) will be in other parts of the building

