



Mathematics Competencies and Activities

Grade 2

Competency Goal 1/Objective 1.01: Develop number sense for whole numbers through 999.

Competency Goal 1/Objective 1.02: Represent fractions (halves, thirds, fourths) concretely and symbolically.

Tweetsie Site: Tweetsie Railroad

Activity: Count the number of people on your car as you ride Tweetsie. Count the number of people on each side of the aisle to see if one half of the group is sitting on each side.

Competency Goal 2/Objective 2.01: Estimate and measure using appropriate units.

Tweetsie Site: Tweetsie and the Mouse Mine Train

Activity: Estimate the length of the Tweetsie locomotive (not the entire train).
Estimate the length of the Mouse Mine locomotive.
Compare the estimates.

Tweetsie is actually 54 feet long; the Mouse Mine locomotive is 12 feet long.

Competency Goal 2/Objective 2.02: Tell time in five-minute intervals.

Tweetsie Site: Tweetsie Railroad

Activity: Determine the exact time (within five minutes) that your ride on Tweetsie begins.
Determine the time of your train trip. Determine the length of your train ride in minutes.