

Module One

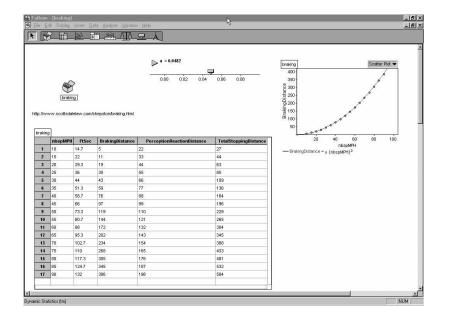
Braking Into Fathom



- Braking Into Sliders
- Zoom and Residuals
- Creating Scatter Plots
- Fitting Functions to Data
- Total Stopping Distance
- Reaction/Perception Distance
- Internet Data Capture

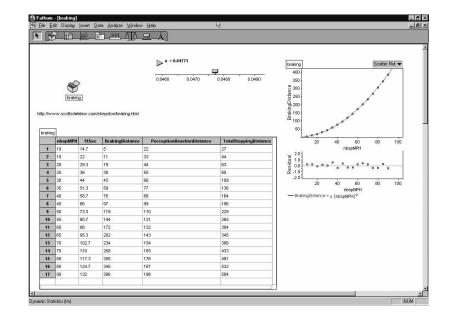
1.1 Braking Into Sliders

- Click the icon below to the right to view the video clip (1 minute)
- After watching the video clip, open the Braking.ftm file by clicking on the icon below and try this for yourself!
 (5 minutes)



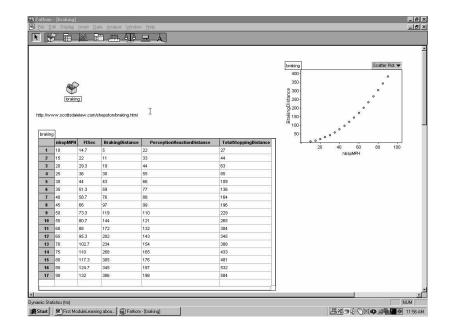
1.2 Zoom and Residuals

- Click the icon below to view the video clip (2 minutes)
- After watching the video clip, open the Braking.ftm file by clicking on the icon below and try this for yourself!
 (5 minutes)



1.3 Creating Scatter Plots

- Click the icon below to view the video clip (1 minute)
- After watching the video clip, open the Braking.ftm file by clicking on the icon below and try this for yourself!
 (5 minutes)

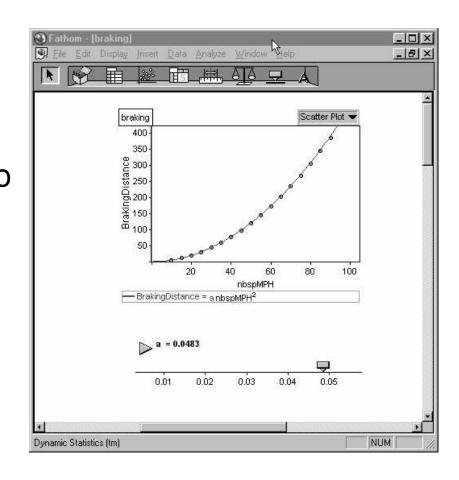


1.4 Fitting Functions to Data

Click the icon below to view the video clip (4 minutes)

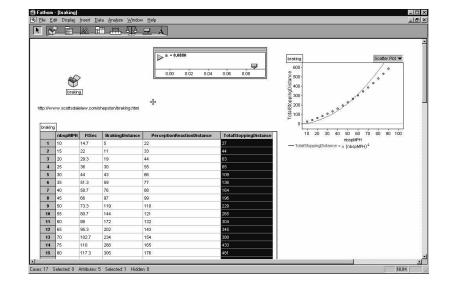


After watching the video clip, open the Braking.ftm file by clicking on the icon below and try this for yourself! (10 minutes)



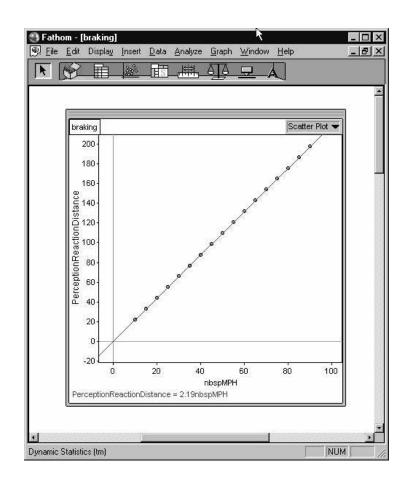
1.5 Total Stopping Distance

- Click the icon below to view the video clip (1 minute)
- After watching the video clip, open the Braking.ftm file by clicking on the icon below and try this for yourself!
 (5 minutes)



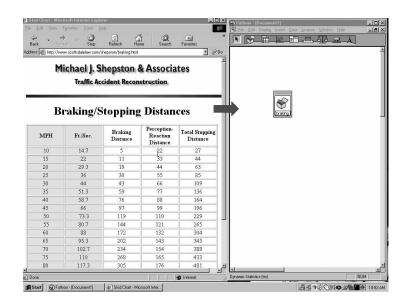
1.6 Reaction/Perception Distance

- Click the icon below to view the video clip (4 minutes)
- After watching the video clip, open the Braking.ftm file by clicking on the icon below and try this for yourself!
 (5 minutes)



1.7 Internet Data Capture

- Click the icon below to view the video clip (3 minutes)
- After watching the video clip, open your web browser and Fathom and try this for yourself! (10 minutes)



1.8 Your Reflections

- You have begun to explore the "big ideas" of the Grade 10 Curriculum related to Quadratic Models with Fathom
- In the online discussion area, write your reflections on:
 - the relevance of Fathom in helping students learn these "big ideas" of the Grade 10 Curriculum, and
 - how the approach in Module One is different than the current approach(es) you use to get at these "big ideas"?

(20 minutes)