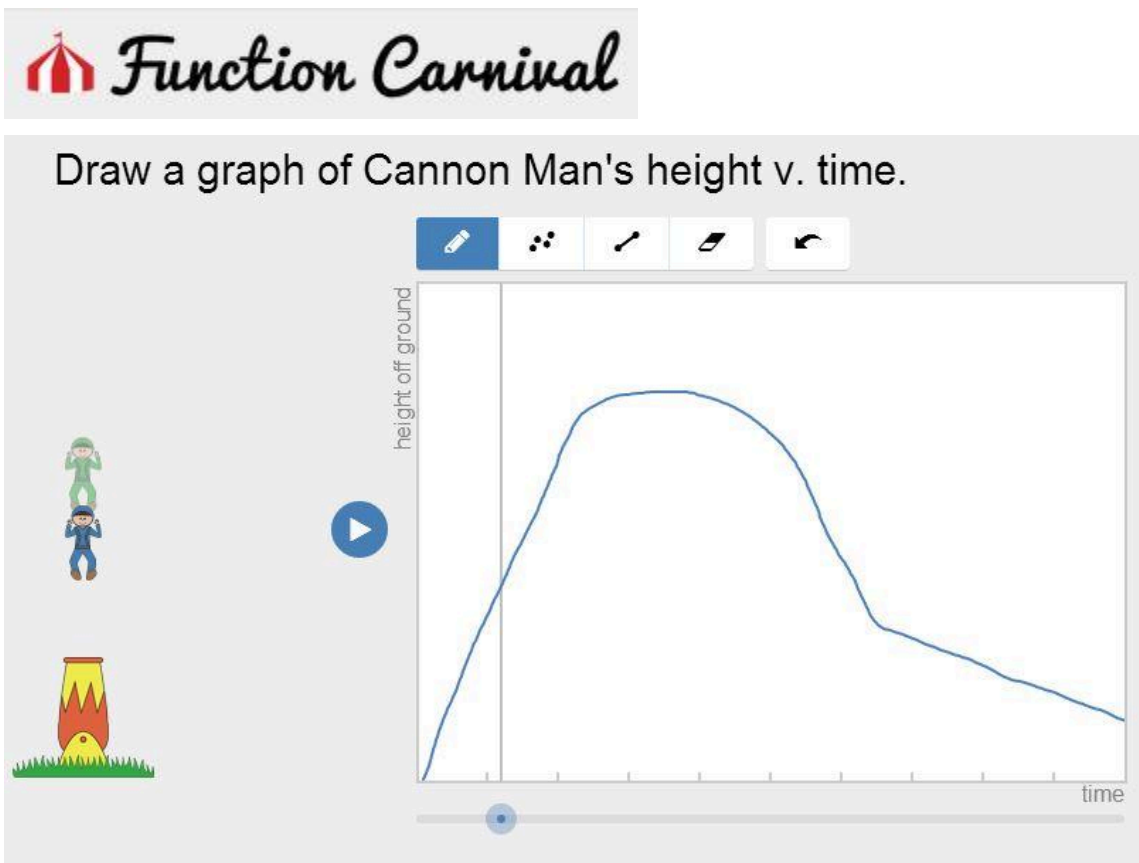


Relations & Functions - Engaging Resources

RF SO1 - Function Carnival by Desmos

(Link: [Function Carnival by Desmos](#))

This is a great activity for students to use technology to help visualize the connection between graphs and situations. There are currently three scenarios for students to explore.



Visit the [Technology](#) and [Visualization](#) Process sections for more ideas on how to incorporate these processes into your teaching.

RF SO1 - Graphing Stories (Dan Meyer & Buzz Math)

(Link: [Graphing Stories](#))

This is a great activity for students to see the connection between graphs and real-life situations.

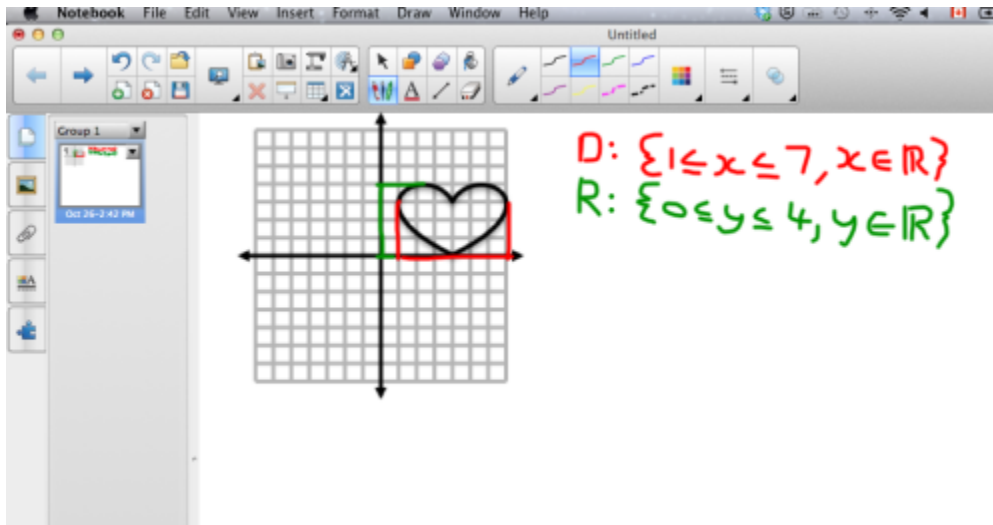
The screenshot shows the Graphing Stories website. At the top, the title "Graphing Stories" is displayed in large white font, with the tagline "Fifteen seconds at a time" below it. A blue "ABOUT US" button is in the top right corner. Below the title is a navigation bar with filters: "Sort by: Most downloads", "Graphs: Show all", "Subject: Show all", and "License: CC-BY". On the left, a blue box titled "How this works:" contains three numbered steps: 1. Pass out this handout to your students; 2. Play any of these videos; 3. Have them graph the story. The main content area features a grid of video thumbnails, each with a title, author name, and a list of keywords. The visible thumbnails are: "Time" by Mariah Thompson (keywords: linear, increasing, clock); "Height" by Jean-Phillipe Choiniere (keywords: periodic, increasing, decreasing, constant, piecewise, parabolic, costa rica, swing); "Air Pressure" by Paul Reimer (keywords: increasing, constant, linear, sports, ball); "Bum Height off Ground" by Carey Lehner (keywords: decreasing, carnival, slide); and "Height of Waist Off Ground" by Adam Poetzel (keywords: linear, piecewise, increasing, decreasing, constant, playground, slide). The bottom of the page shows the start of another row of thumbnails.

Visit the [Connections Process](#) section for more ideas on how to incorporate Connections into your teaching.

RF SO1 - Domain & Range Lesson (John Scammell & Peter Vandermeulen)

(Link: [Domain & Range Lesson](#))

John Scammell describes and reflects on a lesson involving domain and range on his Orchestrating Experiences for High School Math website. This lesson is rich in Communication and Visualization.



Visit the [Communication](#) and [Visualization](#) Process sections for more ideas on how to incorporate these processes into your lessons.