# Rice Short Workshop Agenda

Dates: Monday, June 19 - Wednesday, June 21

Location: Rice University

#### Day 1

Session 1	(20 min) Welcome
Session 2	(1.5 hour) Continue driver/nav work from session 1
	Position Graphs Notebook  (15 min) All hands meeting  Google can be the best programming help  Daily feedback survey

### Day 2

Session 1	<ul> <li>(15 min) All Hands meeting <ul> <li>Successes / challenges from yesterday's notebooks</li> </ul> </li> <li>(45 min) Particle Physics review</li> <li>(2 hr) Driver navigator time</li> <li>Muon Mass <ul> <li>Calculate the mass of a muon using CMS data</li> <li>Take breaks as needed</li> </ul> </li> </ul>
Session 2	(15 min) share out from session 1  (30 min) Switch to Teacher Hat mode  • What most schools don't teach video  • Wrapping paper & surface area example implementation  • Arrays sort of  (1 hour)  • Implementation advice on CODINGinK12.org  • Brainstorm lesson ideas  • Start on implementation plan  (15 min) All Hands Meeting  • Daily feedback survey

## Day 3

Session 1	(20 min) All Hands
	<ul> <li>(2 hrs) Continue working on implementation plan</li> <li>Brainstorm and data search</li> <li>work individually or in groups</li> </ul>

- develop a plan for implementation with your students
- use whatever format or structure you'd like
- A good place to include your implementation plan is in your coding notebook.
- Ask a QuarkNet Fellow to add your link to the list below
- Be prepared to have others look at your implementation plan and coding activity at the beginning of Session 2.
- Upload your implementation plan here

(10 min) Group photo

Implementation plans and coding activities

#### Session 2

(40 min) Share plans for implementation in groups

- Assign a timekeeper since this timeline is tight
- 5 minutes of each camper "Driving" one notebook; 5 minutes of feedback/questions
- Participate as a student might. The author can make their own notes with comments/feedback.
- Briefly decide upon ONE activity (of the four) that you want to "showcase" later.

(45 min) Coding Activity Showcase

 (3 min each) Showcasers will briefly summarize their lesson, and mention some of the feedback received during the small group session

(10 min) Housekeeping and sign off

Daily feedback survey