Session 1: Basics of Ruby, Part 1

- What is Ruby?

- Basic usage, printing, comments, RubyGems

Session 2: Basics of Ruby, Part 2

- Conditional statements, comparison operators

- Logical operators, boolean logic

- Intro to arrays, iteration, lists of data

Session 3: Sinatra & GET/POST requests

- Sinatra, GET & POST requests

- Returning HTML from the server

Session 4: Competition entry session 1

- Entire session devoted to teams working together towards their competition
- Opportunity to ask questions & re-iterate on things where necessary

Session 5: Sending emails

- Sending emails using Mailgun

- Build a simple sign-up form which will trigger an email send via our Sinatra app

Session 6: Using external APIs & deploying

- Getting data from Twitter & displaying it

- Talk about possible ways to deploy things, e.g. Heroku

Session 7: Competition entry session 2

Entire session devoted to teams working together towards their competition i   Ideas Opportunity to ask questions & re-iterate on things where necessary

Session 8: Project presentations

- Spend the first 45 minutes finalising projects

- Spend 1 hour on group presentations (5-10 mins/group)

Instructors will select a winner