Junior Phase Outline

Week	Workshop/Checkpoint	Topics
1	Data Structures Part 1	Linked List & Queue
	Data Structures Part 2	Hash Table & Trees
	Selector.js	The DOM
	Sorting	Algorithms and Big O
	Game of Life	Context ('this') and 'bind'
	Node-shell	Unix commands and Node.js
2	Twitter.js	HTTP, Server Routing, and Express.js
	SQL	Databases and SQL
	Intro to Schema Design	Relational Database Schema
	Twitter.sql	Connecting Databases and Servers
	Practical Promises	Intro to Promises and Async
	Wikistack	ORMs and Sequelize
	Express Self-Checkpoint (Take-home)	--
3	Wikistack Testing	Writing Tests
	Pledge	Promises in Depth
	Shoestring & Responsive Shoestring	CSS
	TripPlanner Static UI	HTML
4	**Express/Sequelize Checkpoint**	**Topics to study**
	TripPlanner Live UI	jQuery
	TripPlanner Persistence	AJAX
	World Wide Whiteboard	Sockets and Real-time Updates
	Webpack WW	Webpack and Build Tools
5	Juke - React	React.js and Single Page Apps
	Juke - React Router	Front-end Routing and React Router
	Juke - Forms	React Forms
	StackChat - Redux	State Management and Redux.js
6	StackChat - React Redux	Redux Bindings for React.js
	Auther	Authentication
	Curriculum Review	--
	Senior Phase Checkpoint	**Topics to study**

* Please note that this is a tentative schedule that is subject to change.