Javascript Style Guide

We will be following Google's Javascript Style Guide. This will be a quick reference/highlight of the most important aspects of it.

https://google.github.io/styleguide/jsguide.html

Braces

1. Braces are used for all control structures (if, else, for do, while, etc)
2. After every brace, there will be an indentation of 2 spaces
3. Braces will stay on the same line

Statements

1. One statement per line
2. Semicolons are required for every statement
3. Limit column to 80

Whitespace

1. Vertical whitespace is subjective, but should be used to help convey what code is relevant to each other
2. In general, keep a space between reserved words, variables, operators, etc. Ignore this rule for parentheses
3. Do not horizontally align code for beautification purposes
4. Do not have unnecessary parentheses

Language Features

1. Use one variable per declaration
2. Declare a variable when needed, initialize as soon as possible
3. Do not use the array constructor
4. Do not use quoted and unquoted keys in an array
5. Do not use computed property names

Naming

1. Follow camel cases for most situations
2. Classes are UpperCamelCase
3. Acronyms and common abbreviations do not need to follow camel case