**ARRAYS**

**Review Arrays**

Nice work! In this lesson, we learned these concepts regarding arrays:

* Arrays are lists that store data in JavaScript.
* Arrays are created with brackets [].
* Each item inside of an array is at a numbered position, or index, starting at 0.
* We can access one item in an array using its index, with syntax like: myArray[0].
* We can also change an item in an array using its index, with syntax like myArray[0] = 'new string';
* Arrays have a length property, which allows you to see how many items are in an array.
* Arrays have their own methods, including .push() and .pop(), which add and remove items from an array, respectively.
* Arrays have many methods that perform different tasks, such as .slice() and .shift(), you can find documentation at the [Mozilla Developer Network](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array) website.
* Some built-in methods are mutating, meaning the method will change the array, while others are not mutating. You can always check the documentation.
* Variables that contain arrays can be declared with let or const. Even when declared with const, arrays are still mutable. However, a variable declared with const cannot be reassigned.
* Arrays mutated inside of a function will keep that change even outside the function.
* Arrays can be nested inside other arrays.
* To access elements in nested arrays chain indices using bracket notation.

Learning how to work with and manipulate arrays will help you work with chunks of data!