

**La Porte High School AP Computer Science Principles Outreach Learning**  
**14 April – 20 April 2020**

**AP Computer Science Principles Week of 14 April – 20 April 2020**

Teacher/Team:

If there are any questions, please feel free to email me/us at:

*(Email Address of the Teacher)*

[cornettj@lpsd.org](mailto:cornettj@lpsd.org)

[AP Computer Science Principles](#)

Codehs.com

Link to [TEAMS Folder](#)

Previous Lessons:

Link to: *(Resources)*.

## Objectives

Objective / I Can:

I can create an array and call specific items using the position in the array.

## Enduring Understandings

This lesson builds toward the following Enduring Understandings (EUs) and Learning Objectives (LOs). Students should understand that...

- EU 4.1 Algorithms are precise sequences of instructions for processes that can be executed by a computer and are implemented using programming languages. (LOs 4.1.1, 4.1.2)
- EU 4.2 Algorithms can solve many, but not all, computational problems. (LO 4.2.4)
- EU 5.1 Programs can be developed for creative expression, to satisfy personal curiosity, to create new knowledge, or to solve problems (to help people, organizations, or society). (LO 5.1.2)
- EU 5.2 People write programs to execute algorithms. (LO 5.2.1)
- EU 5.3 Programming is facilitated by appropriate abstractions. (LO 5.3.1)
- EU 5.4 Programs are developed, maintained, and used by people for different purposes. (LO 5.4.1)
- EU 5.5 Programming uses mathematical and logical concepts. (LO 5.5.1)

I can use indexing to call and assign items in an array.

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## Activities

Student Activities: (Resources, videos for students to use.)

Go to [Teams Folder](#). Look for the assignment:

1. [8.1.1 Intro to Lists/Arrays](#)
2. [8.1.2 Intro to Lists/Arrays Quiz](#)
3. [8.1.3 Making an Array](#)
4. [8.1.4 List of Places to Travel](#)
5. [8.1.5 List of Prime Numbers](#)
6. [8.1.6 AP Practice: Lists](#)
7. [8.2.1 Indexing Into an Array](#)
8. [8.2.2 Indexing into an Array Quiz](#)
9. [8.2.3 Array Indexing Practice](#)
10. [8.2.4 Top Movies](#)
11. [8.2.5 Indexing Badge](#)

## Academic/Instructional Support

Schedule:

Office Hours

Teacher Support - TEAMS

Office Hours: 8 – 12

Email: [cornettj@lpsd.org](mailto:cornettj@lpsd.org)

## To Be Graded

Assignment for students to submit to TEAMS Folder:

- [8.1.2 Intro to Lists/Arrays Quiz](#)
- [8.1.4 List of Places to Travel](#)
- [8.1.5 List of Prime Numbers](#)

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- [8.1.6 AP Practice: Lists](#)
- [8.2.2 Indexing into an Array Quiz](#)
- [8.2.4 Top Movies](#)

When is it due? 10 April 2020

- [8.1.2 Intro to Lists/Arrays Quiz](#)
- [8.1.4 List of Places to Travel](#)
- [8.1.5 List of Prime Numbers](#)
- [8.1.6 AP Practice: Lists](#)
- [8.2.2 Indexing into an Array Quiz](#)
- [8.2.4 Top Movies](#)

How will it be submitted?

Electronically, except by individual arrangement.