

(<http://csmatters.org/pd-new>) | - 00

0bl - 0b0



# Initial Spring Kick-Off Meeting Part 2

**Unit Introductions, Check-Ins, and Reflections**

**Revision Date:** Oct 24, 2019

**Duration:** 120 50-minute sessions

## Lesson Summary

**Summary:** Teachers begin to explore Runestone Interactive, and understand expectations to prepare for the summer workshop.

**Outcomes:**

- Teachers will discuss the activity from Part 1.
- Teachers will explore Runestone Interactive.
- Teachers will be assigned expectations to prepare for the summer workshops.

**Overview:**

Total: 120 min

1. Break Activity (20 min)
2. Survey the CED
3. Runestone (30 min)
4. Prepare for Summer Workshops (30 min)

## Learning Objectives

## Teacher Resources

Part 2 Folder (<https://drive.google.com/open?id=0B1v7pcLSD-B5a0Jfa240Q0dPTDA>)

## Lesson Plan

### Break Activity (30 min)

The group will share the break activity. The sections that follow use the Python Session Powerpoint ([https://drive.google.com/open?id=1gF9OnA9RufcnJVnTBCE-Bf0Js9EakaW2crRxJJ4hc\\_s](https://drive.google.com/open?id=1gF9OnA9RufcnJVnTBCE-Bf0Js9EakaW2crRxJJ4hc_s)), and introduces the CED and learning Python using Runestone.

### Runestone (30 min)

The teachers will be expected to be able to use Runestone to learn Python before the summer workshops. The instructor should follow the directions in the slides, and leave the teachers plenty of time to follow each step.

The teachers will log into Runestone and discuss the *How to Think Like a Computer Scientist* in Runestone. They will explore the functions of the system and how to navigate through the sections.

The teachers will begin to learn basic python.

**Note:** Check the notes sections under slides for more information

### Prepare for Summer Workshops (30 min)

Teachers will discuss lesson activities that they can try in their classrooms before the end of the school year. Please refer to Overview of ideas to try in the classroom before the end of this year (<https://drive.google.com/open?id=0B1v7pcLSD-B5c3VWMHV4ejZ2d0k>).

Assignments for the Summer Workshops include the Online portion of the course.

Teachers will also need to complete sections 1-10 in the *How to Think Like a Computer Scientist* before the summer workshop.



(<http://www.umbc.edu/>)



(<http://www.umd.edu/>)



(<http://www.nsf.gov/>)

*Authored by:* CS Matters in Maryland

*Website:* [csmatters.org](http://csmatters.org) (<http://csmatters.org>)

*Email:* [csmattersinmaryland@gmail.com](mailto:csmattersinmaryland@gmail.com) (<mailto:csmattersinmaryland@gmail.com>)

This work is licensed under a  
Creative Commons Attribution-ShareAlike 3.0 United States License  
(<http://creativecommons.org/licenses/by-sa/3.0/us/>)  
by University of Maryland, Baltimore County (<http://umbc.edu>) and University of  
Maryland, College Park (<http://umd.edu>).