



# Weekly Planner: AP CSP week of 2.17.20



## BIG IDEA for the week:

3- ALGORITHMS AND PROGRAMMING

Day	
Mon 2.17	<p><b>1- do warm up (also don't forget last weeks to hand in too)</b></p> <p><b>2-TEAM re-do/review of U3L5..FOLLOW ALL instructions carefully!!</b></p> <p><b>3- TEAM re-do/review of U3L6..FOLLOW ALL instructions carefully!!</b></p> <p><b>4- TEAM re-do/review of U3L7..FOLLOW ALL instructions carefully!!</b></p> <p><b>5- IF you complete up to lesson 7 following all directions.. you may continue on with your team.</b></p> <p><b>*HW= Make sure all completed lessons in unit 3 are ALL green. More than half of you missed a few throughout.</b></p>
Tues 2.18	<p>We are finally IN!!! It's time to sign up to make our AP board portfolios!! I have sent you our class code via schoology.</p> <p><a href="https://apstudents.collegeboard.org/join-your-class-online">https://apstudents.collegeboard.org/join-your-class-online</a></p> <p><a href="https://digitalportfolio.collegeboard.org/#instruction/sections/49036/overview">https://digitalportfolio.collegeboard.org/#instruction/sections/49036/overview</a></p> <p>Section JOIN CODE=</p> <p><b>RQZ4WY</b></p>

	<p><b>*HW= Finish L5 and L6 to PERFECTION!!</b>  <b>Warm up 2/17 and 2/18/28</b>  <b>Look over project I send you!!</b></p>
Wed 2.19	<p><b>INTRODUCE EXPLORE TASK!</b></p> <p><b>*HW= solidify/finish lessons 7&amp;8</b></p>
Thurs 2.20	<p><b>Shore up all loose ends.</b>  <b>Test tomorrow! Vocab and Code.org</b></p>
Friday 2.21	<p><b>Unit 3 test- Code.org, Vocab, and programming</b></p>

## Warm up activities!

[https://www.flippity.net/rp.asp?k=12CjhCA0ITq2jUcyMPs\\_W44wjadnS8YRDn-2paoY9M0s](https://www.flippity.net/rp.asp?k=12CjhCA0ITq2jUcyMPs_W44wjadnS8YRDn-2paoY9M0s)

### Monday 2.17.20-

<https://evansccca.weebly.com/>

<https://kottke.org/19/09/pixars-ai-spiders>

**Read that short article. YOU actually have the ability to program something like that now. What programming knowledge would you use to do it?**

### Tuesday 2.18.20-

Explain how abstraction allows for the creation of increasingly complex systems. Reference top-down design strategy in your response. (use back if needed to copy this word for word).

Through the use of abstraction, a programmer is able to take one large idea, and break it down into smaller pieces. In the context of top-down design, this means that the programmer can create one function that is made up of a set of smaller sub functions. After determining the details of those sub functions, the programmer no longer needs to take into account how they work, knowing that they will work in when called. For example when drawing a snowflake, the programmer may use top down design to split it into separate branches. Each of those branches may have sub functions that determine the detail to be repeated. This allows programmers to develop complex systems while managing complexity at multiple levels of abstraction.

## **Wednesday 2.12.20-**

Watch, and then reflect on, this video:

<https://www.youtube.com/watch?v=GsaGbkLXtRE>

## **Thursday 2.13.20-**

As a team, come up with 4 computer innovation ideas for an explore project.

THEN: TAKE 5 MINUTES TO MAKE SURE all PEOPLE ON YOUR TEAM ARE "IN" FOR OUR ap CLASS ON COLLEGE BOARD. (PORTFOLIO) Section JOIN

CODE=

RQZ4WY

## **Friday 2.14.19-**

Explain what you feel has been the toughest part of this course so far.

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### Scoring Guidelines and Notes for the 2019 Exam Administration

Explore – Sample Responses	Create – Sample Responses	Scoring Guidelines	Commentary
<a href="#">Explore A: Artifact</a> <a href="#">Explore A: Written response</a> <a href="#">Explore B: Artifact</a> <a href="#">Explore B: Written response</a> <a href="#">Explore C: Artifact</a> <a href="#">Explore C: Written response</a> <a href="#">Explore D: Artifact</a> <a href="#">Explore D: Written response</a> <a href="#">Explore E: Artifact</a> <a href="#">Explore E: Written response</a> <a href="#">Explore F: Artifact</a>	<a href="#">Create A: Video</a> <a href="#">Create A: Written response</a> <a href="#">Create B: Video</a> <a href="#">Create B: Written response</a> <a href="#">Create C: Video</a> <a href="#">Create C: Written response</a> <a href="#">Create D: Video</a> <a href="#">Create D: Written response</a> <a href="#">Create E: Video</a> <a href="#">Create E: Written response</a> <a href="#">Create F: Video</a> <a href="#">Create F: Written response</a> <a href="#">Create G: Video</a>	<a href="#">Scoring Guidelines</a> <a href="#">Chief Reader Report</a>	<a href="#">Explore: Commentary</a> <a href="#">Create: Commentary</a> <a href="#">Scoring Distribution</a>

Explore – Sample Responses	Create – Sample Responses	Scoring Guidelines	Commentary
<a href="#">Explore F: Written response</a> <a href="#">Explore G: Artifact</a> <a href="#">Explore G: Written response</a> <a href="#">Explore H: Artifact</a> <a href="#">Explore H: Written response</a> <a href="#">Explore I: Artifact</a> <a href="#">Explore I: Written response</a> <a href="#">Explore J: Artifact</a> <a href="#">Explore J: Written response</a>	<a href="#">Create G: Written response</a> <a href="#">Create H: Video</a> <a href="#">Create H: Written response</a> <a href="#">Create I: Video</a> <a href="#">Create I: Written response</a> <a href="#">Create J: Video</a> <a href="#">Create J: Written response</a>		

Evans: <https://www.youtube.com/watch?v=mxkovzEXN8k>  
<https://www.youtube.com/watch?v=eISWp6ABL4Y&list=PLmpmyPywZ442rc2vfQw9ywF944DwTJK99>  
 citing code

<https://www.youtube.com/watch?v=KayXNaperY&list=PLmpmyPywZ442rc2vfQw9ywF944DwTJK99&index=7>

**NEW SEATS!**

BOARD	SCREEN	<h1>Podium</h1>
<div data-bbox="196 1171 574 1304" style="background-color: #00aaff; color: white; padding: 10px; text-align: center; margin-bottom: 5px;"><b>Rosie</b></div> <div data-bbox="196 1318 574 1451" style="background-color: #00aaff; color: white; padding: 10px; text-align: center; margin-bottom: 5px;"><b>Alexis</b></div> <div data-bbox="196 1465 574 1598" style="background-color: #00aaff; color: white; padding: 10px; text-align: center;"><b>Joshua</b></div>	<p><b>U1 L2--&gt;14</b>  <b>Code up and available to look at.</b></p>	

<p><b>U3 L6--&gt; 7 Code up and available to look at.</b></p>	<p><b>U3 L4--&gt;5 Code up and available to look at.</b></p>	<p><b>Zack M.</b></p> <p><b>Zack W.</b></p> <p><b>Hannah</b></p>
<p><b>Blake</b></p> <p><b>David</b></p> <p><b>Kirby</b></p>	<p><b>Cameron</b></p> <p><b>Jacqueline</b></p> <p><b>Riley</b></p> <p><b>Bryson M.</b></p>	<p><b>U3 L8--&gt;9 CODE finishing up by teacher</b></p> <p><b>TEACHER DESK</b></p> <p><b>Conference area</b></p>