

## DEVELOPMENT DOCUMENT

**Change Mode Plus Poetry**  
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### Process

My own professional disciplinary area is poetry and literary criticism. So the first step in the process will be consulting with secondary-school English curriculum and college-level creative writing specialists to affirm the kinds of exploratory programming reading/writing activities that would be most valuable and appropriate for integrating within English classrooms. (Colleagues in English-Education and Creative Writing have agreed to consult.) The emphasis is on embedding creative coding within these extant learning contexts rather than designing free-standing tutorials or a course, so a scan of this environment is crucial. Next, I would work with the guidance of a Processing community mentor to develop or adapt appropriate P5.js sketches. Here Montfort's text analysis Python scripts (Expressive Programming) and courses such as Allison Parrish's "Reading and Writing Electronic Text" and tutorial series like Shiffman's Coding Rainbow/Programming A to Z are fundamental.

As a test-bed, I would draw upon the Creative Coding Circle (faculty, student, staff collaborative) sponsored by the Center for Digital Humanities and Culture at my institution. The sketches would then be refactored, embedded in web-based "workshops," and ultimately made available on the web (Github, Openprocessing, etc.) along with additional teaching materials. An outreach event would be developed and piloted to educators through the College Technology Day event at my institution, refined and then, subsequently offered via an event co-hosted with the Processing Foundation.

### Timeline

The recipient will devote 7 hours per week over the course of 14 weeks.

<b>Feb</b>	3/20
2/1	8. Write sound-mix and analysis sketches
1. Curricular Consultation	
	3/27
2/6	9. Test with Creative Coding Circle
2. Develop short-list of sketches	
	<b>April</b>
2/13	4/3
3. Consult with Processing mentor	10. Refactor sketches
2/20	4/10
4. Write text-analysis sketches	11. Refactor sketches
2/27	4/17
5. Test with Creative Coding Circle	12. Produce web-based workshops
<b>Mar</b>	4/24
3/6	13. Finalize curricular documentation
6. Write text-generation sketches	
	<b>May</b>
3/13	5/1
7. Test with Creative Coding Circle	14. Upload and publish materials; outreach event.