

Overview

This three day workshop sits as a wrap-up of the first year of instruction in ECS. Participants will use this space and time to have candid discussions and debriefs about their first year teaching the course. They will dive deeper into lessons that they found tricky the first time around and share strategies and ideas for their future offerings of ECS. Through structured reflection and discussion, participants will consider their classroom practice as well as resources that impact that practice, such as assessments. Working with their local community of teachers, participants will develop new strategies that they can take into the future.

Participant Takeaways

- I have new resources that I didn't know about before
- I have assessments that I can use in my classroom next year
- I understand the importance of the first two units as level-setting elements of the curriculum that give all students an entry point for the course
- I know how to make modifications for my local context without losing important components of the lesson (maintain inquiry instruction, equity in the classroom, appropriate computer science content)
- I know how to connect with the new community of teachers
- I know how to make modifications to the course to fit my own context
- I have new strategies for running my class, including ideas about differentiation, group work, and assessment

Monday

Warm-up Journal and Discussion

15 min

- opening journal
- discussion/debrief

What Worked, What Didn't: setting the stage for the pd

60 min

- activity: documenting strategies for success and addressing challenges
- group discussion: what are your biggest challenges, that you want concrete strategies for addressing?

Classroom Practice: lesson planning

90 min

- assign groups
- participants plan lessons while facilitators move around the room answering questions

Exploring the Curriculum: equity through the curriculum

30 min

- connection between units
- discussion: importance of organization of curriculum

Classroom Practice: Lesson 1

75 min

- 40 minutes lesson
- debrief of lesson taught in PD
- discussion of lesson from the academic year

Monday wrap-up

30 min

- activity: looking at different types of assessments
- journal: assessment
- homework assignment: bring back an assessment

Tuesday		Wednesday	
Assessment		Classroom Practice: Lesson 4	
90 min	<ul style="list-style-type: none"> activity: the right answer isn't the whole story activity: identifying characteristics of good assessments discussion and journal: personal takeaways 	75 min	<ul style="list-style-type: none"> 40 minutes lesson debrief of lesson taught in PD discussion of lesson from the academic year
Classroom Practice: Lesson 2		Revisiting Assessment	
75 min	<ul style="list-style-type: none"> 40 minutes lesson debrief of lesson taught in PD discussion of lesson from the academic year 	45 min	<ul style="list-style-type: none"> journal: look back at good assessments activity: develop assessment for your lesson
Impact of Equity		Fidelity to the Curriculum	
45 min	<ul style="list-style-type: none"> journal: what is equity? activity: how does equity impact your teaching? 	45 min	<ul style="list-style-type: none"> getting started: modifications to the curriculum activity: comparing characteristics of successful and unsuccessful modifications journal: what would you do differently next time?
Classroom Practice: Lesson 3		Adapting the curriculum	
75 min	<ul style="list-style-type: none"> 40 minutes lesson debrief of lesson taught in PD discussion of lesson from the academic year 	75 min	<ul style="list-style-type: none"> getting started: when are modifications needed? activity: experiment with modifications journal: how will you use this?
Tuesday Wrap-up		Revisiting: what worked, what didn't	
15 min	<ul style="list-style-type: none"> journal and discussion: three strands of ECS in PD 	45 min	<ul style="list-style-type: none"> activity: revisit challenge poster from first day journal/discussion: role of other teachers
		Wrap-up: where do we go from here?	
		30 min	<ul style="list-style-type: none"> journal: what is exploring computer science? table discussion: changing view of ecs discussion: growth during pd program