

ECS Professional Development Agenda 2017

The agenda that follows is for informational purposes only. Only facilitators who have participated in the ECS PD Facilitator development program are qualified to serve as leaders of ECS professional development sessions.

MONDAY			
Start	Time	Activity	Notes/People
9:00	15 min	Welcome Introductions/Logistics/Agenda	Facilitators and site contact
9:15	15 min	Journal Activity #1 and debrief	<ul style="list-style-type: none"> • “What do you know about computers that you can teach to your students?” • What are your methods of teaching?” • Describe the role of journaling in ECS.
9:30	60 min	Data Analysis – “Picture Activity” – Unit 1 (D10) ¹	<ul style="list-style-type: none"> • 40 minutes for the activity plus 20 minutes to connect to the curriculum. • Use this for introducing the 3 strands of content, inquiry, and equity.
10:30	15 min	Break	
10:45	60 min	Model Teacher Lesson – “What are Computers?” – Unit 1 (D1-2)?	<ul style="list-style-type: none"> • One facilitator models; the other debriefs.
11:45	60 min	Lunch and Getting Acquainted	
12:45	30 min	Accessibility video and debrief <ul style="list-style-type: none"> • Journal for after video: What strategies have you used that are examples of Universal Design? What strategies have you used with students with disabilities in your classes? 	<ul style="list-style-type: none"> • Point out that the strategies outlined in the video are strategies that they should consider when planning their lessons. These are also strategies that will need to be reinforced throughout the week.
1:15	5 min	Teacher Lessons Activity Introduction & Grouping	<ul style="list-style-type: none"> • 8 groups of 3-4 teachers • Each group plans assigned lesson and then teaches during the indicated timeslot.
1:20	70 min (including break as needed)	Teacher Lesson Work Time ³	<ul style="list-style-type: none"> • Facilitators ensure that groups understand the assignment (asking questions, not telling), monitor progress • Facilitators note any issues that may need to be highlighted related to group dynamics
2:30	30 min	Create CS10K Community Accounts	<ul style="list-style-type: none"> • Facilitators guide account set up and then give a brief tour of the site.
3:00	15 min	Journal Activity #2 and debrief	<ul style="list-style-type: none"> • “What do you anticipate to be your biggest challenge in teaching ECS this year?”
3:15	5 min	Introduce Personal Data Journal (D10)	<ul style="list-style-type: none"> • Explain the assignment to be discussed on

		hw)	Wednesday. <ul style="list-style-type: none"> Assign read of Intro and Chapter 1 of <i>Stuck in the Shallow End</i> plus journal for Tuesday.
3:20	10 min	Wrap-up	
TUESDAY			
9:00	15 min	Welcome and Daily Overview	
9:15	60 min	Teacher Lesson– Group 1: Unit 1 Web 2.0 (D5-7)	<ul style="list-style-type: none"> Facilitators debrief all of the teacher lesson activities. Debriefs to include reflection by teaching group, “student” reflections and connection to the three strands.
10:15	15 min	Break	
10:30	60 min	Teacher Lesson-Group 2: Unit 1 Following Directions (D16)	
11:30	90 min	<i>Stuck in the Shallow End</i>	<ul style="list-style-type: none"> Assign each group to read a chapter on one of the three schools for Wednesday. (This will mean 2-3 groups per chapter.)
1:00	60 min	Lunch	
2:00	60 min	Teacher Lesson-Group 3: Unit 2 Cornrow Curves (D7)	
3:00	15 min	Journal Activity #3 and debrief	<ul style="list-style-type: none"> “What does it mean to teach for equity in the computer science classroom?”
3:15	15 min	Wrap-up and Closing	

WEDNESDAY			
9:00	45 min	Welcome and Daily Overview Computational practices in ECS	
9:45	60 min	Data: Unit 2 Data Journal (D1-2)	<ul style="list-style-type: none"> Review of homework; Intro to solving community problems One facilitator teaches; the other debriefs.
10:45	15 min	Break	
11:00	60 min	Teacher Lesson-Group 4: Unit 2 Count in Binary (D10-12)	
12:00	60 min	Lunch	
1:00	75 min	<i>Stuck in the Shallow End 2</i>	<ul style="list-style-type: none"> Groups who read the same chapter compare notes.

2:15	5 min	Break while teacher group gets set up	
2:20	60 min	Teacher Lesson-Group 5: Unit 2 Tower Building (D13)	
3:20	10 min	Wrap-up and Closing	<ul style="list-style-type: none"> • Assign elevator speech based on intro material in ECS. ⁶
THURSDAY			
9:00	30 min	Welcome and Daily Overview Elevator speeches	
9:30	60 min	Teacher Lesson-Group 6: Unit 2 Lists and Sorting (D15-16)	
10:30	15 min	Break	
10:45	60 min	Teacher Lesson-Group 7: Unit 2: Muddy City (D17)	
11:45	60 min	Lunch	
12:45	60 min	Teacher Lesson-Group 8: Unit 3: Basic HTML (D3-4)	
1:45	15 min	Break	
2:00	15 min	Journal activity #4 and debrief	<ul style="list-style-type: none"> • “How might assessment inform your teaching practice?” • What are the most effective ways to check for student understanding?”
2:15	45 min	Assessment Activity	
3:00	15 min	Journal activity #5	<ul style="list-style-type: none"> • “What instructional strategies have you observed so far in this PD? • How might you go about selecting instructional strategies for teaching particular lessons?”
3:15	15 min	Wrap-up and Closing	

FRIDAY			
9:00	15 min	Welcome and Daily Overview	
9:15	75 min	Assessment Activity	<ul style="list-style-type: none"> • Finish assignment from the day before. Group presentations. • Probing questions on the reflective prompts. END
10:30	15 min	Break	
10:45	75 min	Computer Science Concepts, Inquiry Instructional Strategies, Equitable Practices,	

		Making connections	
12:00	30 min	Final reflections and Evaluation	