Wrapup/Integration Breakout

Each group is given one of the following questions and some time to come up with answers. Groups then come together and share their responses with the entire audience. The goal is to get teachers thinking about concrete actions that they can take in their own classrooms to get their students excited about computer science.

Questions

1. If you had the power to take your students on 4 field trips to places near most high schools that illustrate the greatest impact of CS in their lives, where would you take them?
2. What 4 books would you recommend for your students to read to get them interested in the possibilities available to them as computer scientists?
3. If you had the ability to add CS modules to other courses at your high school, which 4 courses would be the most likely candidates? What modules would you add and why?
4. Give an example of a topic you teach in an AP course in CS that can be applied to each of the following 4 high school areas: science, history, economics, and film/media.
5. What are 4 concrete things that you can do as a teacher to increase enrollment in CS given the current constraints you have as a teacher?
6. If you were to hold a summer program at your high school for girls to introduce them to the world of computing, what 4 projects would you have them work on that would have the greatest impact?
7. What are the 4 most important resources you need at your high school in order to explain the importance of CS in a student’s