**STRUCTURED
Field Experience Log & Reflection**

**Instructional Technology Department**

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| **Candidate:** Hillary Johnson | **Mentor/Title:** Kathy Vinyard/Media Specialist | **School/District:** Lassiter High School/Cobb County |
| **Field Experience/Assignment:**Data Overview Presentation | **Course:**ITEC 7305 – Data Analysis & School Improvement | **Professor/Semester:**Prof. Rotjan/Summer 2016 |

**Part I: Log**

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| **Date(s)** | **Activity/Time** | **STATE StandardsPSC** | **NATIONAL StandardsISTE NETS-C** |
| 6/29/16 | Explored, sorted, and organized school data and researched demographic data [3 hours] | PSC 2.8 | ISTE 2h |
| 7/2/16 | Created a rough draft for PowerPoint presentation, organized data, and determined “story” to tell [3 hours] | PSC 1.2, 1.3, 2.7, 2.8, 3.5, 5.1, 6.1 | ISTE 1b, 1c, 2g, 2h, 5b, 6a, 6b |
| 7/6/16 | Created the PowerPoint and imported all data into Excel and created tables and graphs to add to the presentation [7 hours] | PSC 1.2, 1.3, 2.7, 2.8, 3.5, 5.1, 6.1 | ISTE 1b, 1c, 2g, 2h, 5b, 6a, 6b |
| 7/13/16  | Finalized PowerPoint, streamlined fonts, graphs, and color scheme [3 hours] | PSC 1.2, 1.3, 2.7, 2.8, 3.5, 5.1, 6.1 | ISTE 1b, 1c, 2g, 2h, 5b, 6a, 6b |
|  | **Total Hours: [16 hours ]** |  |  |

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| **DIVERSITY**(Place an X in the box representing the race/ethnicity and subgroups involved in this field experience.) |
| **Ethnicity** | **P-12 Faculty/Staff** | **P-12 Students** |
|  | P-2 | 3-5 | 6-8 | 9-12 | P-2 | 3-5 | 6-8 | 9-12 |
| **Race/Ethnicity:** |  |  |  |  |  |  |  |  |
|  Asian |  |  |  |  |  |  |  | X |
|  Black |  |  |  |  |  |  |  | X |
|  Hispanic |  |  |  |  |  |  |  | X |
|  Native American/Alaskan Native |  |  |  |  |  |  |  |  |
|  White |  |  |  |  |  |  |  | X |
|  Multiracial |  |  |  |  |  |  |  | X |
| **Subgroups:** |  |  |  |  |  |  |  |  |
|  Students with Disabilities |  |  |  |  |  |  |  | X |
|  Limited English Proficiency |  |  |  |  |  |  |  | X |
|  Eligible for Free/Reduced Meals |  |  |  |  |  |  |  | x |

**Part II: Reflection**

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| **CANDIDATE REFLECTIONS:**(Minimum of 3-4 sentences per question) |
| 1. **Briefly describe the field experience. What did you learn about technology facilitation and leadership from completing this field experience?**

*This field experience required the completion and proposed implementation of a data overview presentation. My particular data overview is focused toward the science department with the intention of being presenting during pre-planning prior to the start of the 2016 school year. From this experience, I learned how to effectively analyze student achievement data and interpret these results. From this interpretation, I was able to communicate the findings through the prepared PowerPoint presentation (PSC 2.8). In addition, as I worked through this data I began to brainstorm the ways that I can use my new knowledge of data analysis to help coach my horizontal team of teachers in better and more effective data collection and analysis in the future.*  |
| 1. **How did this learning relate to the knowledge** (what must you know), **skills** (what must you be able to do) **and dispositions** (attitudes, beliefs, enthusiasm) **required of a technology facilitator or technology leader? (Refer to the standards you selected in Part I. Use the language of the PSC standards in your answer and reflect on all 3—knowledge, skills, and dispositions.)**

*Knowledge – For this lesson, I had to know how to use and troubleshoot basic issues within Excel and PowerPoint (PSC 3.5) and use my knowledge to create my final product presentation. I also had to know the different types of charts and graphs to use for each segment of the data (PSC 2.8).**Skills – For this lesson, I first had to be able to gather and organize data to analyze for the final product presentation (PSC 2.8). In addition, I had to determine strengths and weaknesses of the data to be able to relate to the other teachers that will view the presentation (PSC 5.1).**Dispositions – I had to be excited and invested in the data I was gathering and analyzing (PSC 2.8) and be enthusiastic about communicating this data to my fellow colleagues. In addition, my demonstration of continuous learning by improving my skills and knowledge of data analysis is visible to my peers and encourages them to also become a lifelong learner (PSC 6.1)* |
| 1. **Describe how this field experience impacted school improvement, faculty development or student learning at your school. How can the impact be assessed?**

*This field experience greatly impacted how we assess student learning as a department and a school. We already know that our department is highly successful on classroom, district, state, and national assessments, but we tend to exist in our own world of our scores without looking at the relationship between science and other content areas. After completing this data overview, I realized as a department how much we can actually contribute to improving scores in other areas, especially writing. I will be able to practice my leadership skills through the presentation of this data to my department and communicate this newfound information so other teachers can begin implementing more writing practice in their classes. Because of this new awareness, the school should see an improvement in writing scores on both the SAT and the 11th grade writing test.*  |