LPSD Technology Project Rubric

Standard TE10.05 Completes a large data collection and reporting project. This project should include, but is not limited to, using digital tools to come up with a research question, collect data, draw conclusions, and evaluate and present results.

	ADVANCED	PROFICIENT	DEVELOPING	EMERGING
Research Question	• Wrote thoughtful, creative, well-worded specific questions that were relevant to the chosen topic.	• Wrote well-worded, specific questions that were relevant to the chosen topic.	• Wrote questions that lacked focus, were poorly stated, and were not entirely relevant to the chosen topic.	• Wrote questions that lacked a specific focus, were poorly stated, and not relevant to the chosen topic.
Selection of Sources	• Identified highly specific and appropriate sources in a variety of digital or electronic formats.	• Identified appropriate sources in a variety of digital or electronic formats.	• Identified a few appropriate sources but made little attempt to balance format types.	• Identified no appropriate sources in any format.
Collection of Data	• Gathered information and study includes and in depth analysis of the topic. • Data was collected over a long period time (months). • Data is expansive and fully supports the research question. • Data was collected orderly using multiple digital tools.	• Gathered information includes the basics of the topic and an in-depth study of the project. • Data collected was in depth and supports the research question. • Data was collected over a period of multiple weeks. • Data was collected using multiple digital tools.	• Gathered information is incomplete and does not include the basics of the topic. • Data was collected but is does help to support the research question. • Day was collected in a period the course of one week. • Data was collected using one digital tool.	• Data was only partially collected. • All data was collect on the same day. • Data collected using no digital tools.

Draw Conclusions/ Evaluating Results	• Conclusion drawn is highly supported by the data collect. • Conclusion drawn answers the research question and brings about new ideas.	• Conclusion drawn is supported by the data collected • Conclusion drawn answers the research question.	• Conclusion drawn is not fully supported by the data collected. • Conclusion drawn does not answer the research question.	• Unable to draw a conclusion.
Present Results	• Data is displayed systemically and completely and includes labels and measurement units. • Connections can be made from the presented results and the conclusions that answer the research question. • Digital tools were used to present the results. • Results can be presented online for future reference.	• Data is displayed systemically and completely, including labels and measurement units. • Connections can be made from the presented results and the conclusions that answer the research question. • Digital tools were used to present the results.	• Data is displayed systematically in tables, but some labels or measurement units may be missing. • Graphs are labeled correctly, but there are minor scaling or plotting errors. • No digital tools were used to present the results.	• Data is displayed in incomplete or disorganized tables, and graphs are inappropriate for the data or are not constructed properly.
Digital Tools	• Four or more digital tools were used during the project (data collection and/or research question). • Digital tools used were appropriate for the task.	• Two or three digital tools were used during the project (data collection and/or research question). • Digital tools used were appropriate for the task	• Only one type of digital tools was used (research question). • Not all of the digital tools were appropriate for the task chosen.	• No digital tools were used.

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