

## *WInSTEP SEPA Research Poster Checklist*

Student Name(s) \_\_\_\_\_

School \_\_\_\_\_

<b>Abstract</b>	<input type="checkbox"/> Brief overview of the research/purpose of the experiment/ importance	<input type="checkbox"/> Brief description of methods/findings	<input type="checkbox"/> Significance of results-related to human health
<b>Introduction</b>	<input type="checkbox"/> Background research on topic explained/ referenced/Significance of the research	<input type="checkbox"/> Statement of testable research question/ rationale	<input type="checkbox"/> Statement of hypothesis
<b>Materials and Methods</b>	<input type="checkbox"/> Provides a general description of procedure	<input type="checkbox"/> Describes how outcomes were measured	<input type="checkbox"/> Description of statistical methods/data gathering
<b>Results</b>	<input type="checkbox"/> Describes the experimental design	<input type="checkbox"/> Correctly identifies independent and dependent variables, controls and their relationship	<input type="checkbox"/> Connects the results to the aims of the experiment
<b>Data Presentation</b>	<input type="checkbox"/> Appropriate data presented (data matches research question)	<input type="checkbox"/> Well labeled graphs, tables /charts displaying the raw data	<input type="checkbox"/> Graphs and charts explained
<b>Data Analysis</b>	<input type="checkbox"/> Correct descriptive statistical test used	<input type="checkbox"/> Correctly explained why statistical test was used	<input type="checkbox"/> Correctly explained statistical significance of results
<b>Discussion</b>	<input type="checkbox"/> Significant results are highlighted, explains relationship between data and hypothesis (data supports or fails to support hypothesis), trends in data	<input type="checkbox"/> Discusses limitations of project/errors	<input type="checkbox"/> Links work with larger body of knowledge presented in Introduction/relevance
<b>Overall Presentation</b>	<input type="checkbox"/> References cited correctly and are appropriate	<input type="checkbox"/> Limited spelling/grammar errors	<input type="checkbox"/> Well organized, visually attractive <input type="checkbox"/> Effective balance between text and graphics

**Comments:**

References:

- Health Sciences and Technology Academy (HSTA). *Research Rubric*. West Virginia University.
- Hesselbach, R., Petering, D., Berg, C.A., Tomasiewicz, H., & Weber, D. (2012). A Guide to Writing a Scientific Paper: A Focus on High School through Graduate Level Student Research, *Zebrafish*, 9(4), 246-249.