

Teacher's Name

Bacteriophages Bringing Research into the Classroom – Brandl, et al. Appendix F. Teacher Research Plan Evaluation Rubric

education northwest

Rubric for Reviewing Teachers' Research Plans

Content area (s)/Topic		
Project Components	Indicate presence or absence of components	
Research question		
•		
Includes a testable research question		
Has variables		
o identifies subjects		
o Identifies assumptions		
Hypothesis		
States the research and null/alternative hypotheses		
Research Methods		
Describes the research method(s)		
Describes research subject		
 Common and scientific name 		
 Brief description of subject 		
OR, Describes research system/concept		
Describes why it is of interest		
O Describes why it is of litterest		
States sampling method		
 Type, number, location, time of data collection 		
 Randomization technique 		
o Controls		
States recording method		
Includes a plan for summarizing data		
Includes a plan for analysis		
 Describes (conceptually) comparisons/ 		

relationships/ characteristics

Timeli	ne
Creates a timeline for project completion	
References	
Includes references, bibliography suggested resources	
Demonstrates connections to science content learned in BRIC training e.g.:	
0	Bacteriophages/phage biology
0	Microbiology/mycobacteria
0	Microbes
0	Viruses
0	Bacteria/bacterial evolution
0	Antibiotic resistance
0	Genetic characterization

Additional Notes: