# Performance Evaluation Rubric for RecExpSim Simulations

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| Component | Sophisticated | Competent | Basic |
| Biological theory | - Calculation of exponential growth rate  - Calculation of DNA melting temperature | - Knowledge of microbial growth phases  - Knowledge of factors for DNA melting temperature | - Knowledge of exponential growth under optimal conditions  - Knowledge that cloning requires DNA double strand melting |
| Jupyter theory | - Ability to run a Jupyter Notebook in the web | - Knowledge of technical Jupyter properties | - Ability to use a Notebook with markup and code cells |
| Programming | - Ad hoc programming of a task involving *if-* and *for-*loops | - Reshuffling of existing code to run script (Parson-Puzzle) | - Knowledge of variable types |
| Teamwork | - Active group discussions with continuous mutual support | - Mostly individual working with regular mutual support | - Rare interactions among group participants |