

Phet Natural Selection Simulation Worksheet

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Scenario 1: One white rabbit

A. What do you think will happen?

B. What really happened and why?

Scenario 2: Run scenario 1 but add a friend

A. What do you think will happen?

B. What really happened?

Scenario 3: Add a friend and add brown fur

A. What do you think will happen?

B. What really happened?

Scenario 4: Add a friend and limit food

A. What do you think will happen?

B. What really happened?

Scenario 5: Add a friend/add brown fur/once multiple brown rabbits add wolves!

A. What do you think will happen?

B. What really happened?

Final Challenge: Find and list any combinations of Food/Mutations/Wolves that lead to a continuous population and balance with the environment. Have fun and good luck!