



Example- You have become transported to the nucleus of the cell, explain in detail what you see happening inside.

[Hudson Alpha Resource](#)

[AMSTI Formative Assessment Standard 3](#)

[APlus Learning Plan-1](#)

[APlus Learning Plan-2](#)

[Compendium](#)

[AMSTI Learning Resources](#)

[ACT Sample Questions](#)

Analyze and interpret data collected from probability calculations to explain the variation of expressed traits within a population.
Use mathematics and computation to predict phenotypic and genotypic ratios and percenta]

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Construct an explanation and design a real-world solution to address changing conditions and ecological succession caused by density-dependent and/or density-independent factors.

- Obtain, evaluate, and communicate information to explain how organisms are classified by physical characteristics, organized into levels of taxonomy, and identified by binomial nomenclature (e.g., taxonomic classification, dichotomous keys).

- Analyze scientific evidence (e.g., DNA, fossil records, cladograms, biogeography) to support hypotheses of common ancestry and biological evolution.

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