Biology: RIASEC Classroom Connections

These examples of career connections across RIASEC themes help educators get started so they can further customize RIASEC-aligned examples for their content. RIASEC themes help students name and claim their interests and explore future options. Real-world examples as part of ongoing instruction improve engagement, relevance, and purpose.

Realistic (R):

- Construction Worker - Applying measurements and calculations for building projects.
- Auto Mechanic - Using algebra to solve problems related to automotive systems.
- Electrician - Applying algebraic concepts in understanding electrical systems and circuits.

Investigative (I):

- Scientist - Analyzing data using algebraic techniques to draw conclusions.
- Statistician - Using algebra for statistical analysis and data interpretation.
- Environmental Scientist - Applying algebra to model environmental trends and analyze data.

Artistic (A):

- Graphic Designer - Using algebra in design software for creative projects.
- Photographer - Calculating and adjusting camera settings using algebraic principles.
- Music Producer - Applying algebraic concepts in sound engineering and music production.

Social (S):

- Event Planner - Using algebra for budgeting and logistics in event planning.
- Social Worker - Analyzing and interpreting data using algebra to assess social needs.
- Human Resources Specialist - Applying algebra in workforce planning and analytics.

Enterprising (E):

- Entrepreneur - Using algebra for financial planning, budgeting, and business analysis.
- Sales Manager - Analyzing sales data and trends using algebraic techniques.
- Marketing Specialist - Applying algebra in market research and data analysis.

Conventional (C):

- Accountant - Applying algebra in financial calculations and bookkeeping.
- Actuary - Using algebraic principles in risk assessment and insurance calculations.
- Banker - Applying algebra in financial analysis and investment planning.

◯ Know yourself. ◯ Develop your talents. ◯ Weigh your options. ◯ Dream big!