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| **Lesson Name:** | **Careers in Biology** |
| **Grade Level(s):** | Biology 10 |
| **Goal/Objective(s):** | * Students will understand careers in biology * Students will understand the education that is needed for each job |
| **Standard(s):** | |  |  | | --- | --- | | **Science Standards:** | | | S.10.LS.13 | design, evaluate, and refine a solution for reducing the impacts of human activities on the environment and biodiversity.\* | | S.10.LS.14 | evaluate the evidence for the role of group behavior on individual and species’ chances to survive and reproduce. | | S.10.LS.15 | create or revise a simulation to test a solution to mitigate adverse impacts of human activity on biodiversity.\* |  |  |  | | --- | --- | | S.10.LS.16 | use a model to illustrate the role of cellular division (mitosis) and differentiation in producing and maintaining complex organisms. | | S.10.LS.17 | ask questions to clarify relationships about the role of DNA and chromosomes in coding the instructions for characteristic traits passed from parents to offspring. | | S.10.LS.18 | make and defend a claim based on evidence that inheritable genetic variations may result from: (1) new genetic combinations through meiosis, (2) viable errors occurring during replication, and/or (3) mutations caused by environmental factors. |   **School Counseling – Student Success Standards:**  **ALP.SS.1.2.6** explore costs, eligibility requirements and funding opportunities for various postsecondary options.  **ALP.SS.2.1.2** use a variety of resources to explore career options in relation to personal abilities, skills, interests, values and the current job market.  **ALP.SS.2.1.2** evaluate roles, responsibilities and requirements for progressions of career levels from entry to advanced positions. |
| **Instructions:** | Students will use CFWV.COM to explore different biology careers. This could be used as extra credit or you could assign your students 5 specific branches of biology (ecology, genetics, botany, evolution, human anatomy, cell research, etc.) and ask them to find careers within each field. Students will utilize the worksheet to guide them through CFWV.COM |
| **Materials:** | Computer  Worksheet |
| **CFWV Tools Used:** | Career planning-Explore Careers |
| **Assessment:** | Worksheet |

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_Pd.\_\_\_\_\_\_\_

Please go to CFWV.COM and log in. Go to *Career Planning* and then *Explore Careers.*

Career \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What does this job entail?

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Education requirements:

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What schools in WV could you attend? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the employment outlook in WV?

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What is the national employment outlook?

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What is the salary range? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Do you think you would be interested in this career? Why or why not?

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