

Stage 1 Desired Results

<p>ESTABLISHED GOALS</p> <p>To help students identify areas in the Biotechnology field that are interesting to them as a potential career.</p>	Transfer	
	<p><i>Students will be able to independently use their learning to...</i></p> <p>Create an action plan for their desired Biotechnology career.</p>	
	Meaning	
	<p>UNDERSTANDINGS</p> <p><i>Students will understand that...</i></p> <p>There are several options and opportunities in the Biotechnology field, some require higher education, and some are entry level positions with training on the job.</p>	<p>ESSENTIAL QUESTIONS</p> <p>What opportunities are there in the biotechnology field and how can I be prepared to enter the field?</p>
	Acquisition	
	<p><i>Students will know...</i></p> <ul style="list-style-type: none"> • There are many different potential careers in biotechnology. • Some fields require higher education, some are entry level. • The more education will usually provide a higher salary. 	<p><i>Students will be skilled at...</i></p> <ul style="list-style-type: none"> • Researching different Biotechnology areas. • Gathering necessary information about the field of their interest. • Creating an action plan for themselves. • Presenting their action plan to their peers.
Stage 2 - Evidence		
Evaluative Criteria	Assessment Evidence	
	<p>PERFORMANCE TASK(S):</p> <p>Background: In the field of Biotechnology, there are many possible careers and paths one can take. Careers often begin with a technical education at a 2 or 4 year college, community college, or university to earn degrees or</p>	

certificates. Not all fields of biotechnology require a degree and can offer on the job training. Your job today is to use the website provided, to find 3 careers in biotechnology that you find interesting. Research them, decide which one sounds most appealing to you, create a poster, and present it to your peers at your table as a poster.

OTHER EVIDENCE: Rubric				
Criteria	4	3	2	1
Requirements	Met and exceeded	Met	Missing part of one requirement	Missing a whole requirement.
Action Plan	Student creates a detailed action plan with achievable goals	Students create an action plan with a few details.	Action plan created with 1 or 2 details	Action plan lacks an details or specific
Research Conducted	100% accurate. Students researched potential salaries and compared amongst different companies as well as programs at technical schools or colleges if applicable. Found examples of local programs (if applicable)	98% accurate. Student researched salaries. Found programs at colleges or technical schools if applicable.	95% accurate. Missing either salary research, or programs of study research where it is applicable.	Less than 95% accurate. Missing salary research and Programs of study where applicable.

Summary of Key Learning Events and Instruction

Requirements for the poster:

- 2 other areas you researched with a brief description
- The one area you found most interesting:
 - Give a job description
 - Potential Salaries
 - Define what skills are needed for this position
 - What prerequisites are needed?
 - College- if so how many years
 - Technical school- how long?
 - Entry level
 - Why you chose this career
 - Create your own action plan on how one would move forward with this plan.
 - Does it involve college? If so, find some that may be a good fit
 - Does it involve tech school? If so find some local examples
 - Is it entry level? What requirements must you have- find some local examples of companies.

Website: [Careers in Biotechnology](http://biotech-careers.org) biotech-careers.org

Students will also be asked to work together as a group after their presentations to answer questions about potential careers in Biotechnology.