Name _____

Learner ID _____

School/College/University _____

Health Science: Biotechnology Research and Development

Career Pathway Plan of Study for ▶Learners ▶Parents ▶Counselors ▶Teachers/Faculty

*This Career Pathway Plan of Study (based on the Biotechnology Research and Development Pathway of the Health Science Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.*

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses for Biotechnology Research and Development Pathway	SAMPLE Occupations Relating to This Pathway
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	9							**Occupations Requiring Less than Baccalaureate Degree** ▶ Animal Services Technician ▶ Animal Services Technologist ▶ Data Entry Clerk ▶ Lab Assistant-Genetics ▶ Lab Technician ▶ Maintenance and Instrument Technician ▶ Process Technician ▶ Quality Assurance Technician ▶ Quality Control Technician **Occupations Requiring Baccalaureate Degree** ▶ Biochemist ▶ Bioinformatics Associate ▶ Bioinformatics Scientist ▶ Bioinformatics Specialist ▶ Biomedical Chemist ▶ Biostatistician ▶ Cell Biologist ▶ Clinical Trials Research Associate ▶ Clinical Trials Research Coordinator ▶ Geneticist ▶ Microbiologist ▶ Molecular Biologist ▶ Pharmaceutical Scientist ▶ Regulatory Affairs Specialist ▶ Research Assistant ▶ Research Associate ▶ Research Scientist ▶ Toxicologist
SECONDARY	10							
SECONDARY	11							
	College Placement Assessments-Academic/Career Advisement Provided							
SECONDARY	12							
	Articulation/Dual Credit Transcripted-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDARY	Year 13							
POSTSECONDARY	Year 14							
POSTSECONDARY	Year 15							
POSTSECONDARY	Year 16							

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