

CAREER FUNNEL

The final section of the report, career funnel, is based on the technique coined by the US Department of Education to group similar occupations and industries. In total, there are 16 Career Clusters in the Framework, representing more than 79 Career Pathways to help students navigate their way to greater success in college and career.

As an organizing tool for curriculum design and instruction, Career Clusters provide the essential knowledge and skills for the 16 Career Clusters and their Career Pathways. It also functions as a useful guide in developing programs of study bridging secondary and postsecondary curriculum and for creating individual student plans of study for a complete range of career options. As such, it helps students discover their interests and their passions, and empowers them to choose the educational pathway that can lead to success in high school, college and career.

According to the detailed analysis, **AGRICULTURE & NATURAL RESOURCES** is your major career cluster. However, there are a few more clusters in which you have shown your inclination and your counselor can guide you on all the other possible options. Jobs in the agriculture and natural resources career cluster involve planning, managing, and performing agricultural production, horticulture and landscaping services, and related professional and technical services; planning, managing, and performing mining and extraction operations; managing and conserving natural resources; and performing related environmental services.

Career Pathways in Agriculture and Natural Resources

A career pathway is an area of concentration within a career cluster. Each pathway contains a group of careers requiring similar academic and technical skills as well as similar industry certifications or postsecondary education. The agriculture and natural resources career cluster has five pathways: agriculture management, production, and operations; horticulture, landscaping, and groundskeeping; agriculture sciences, processes and support services; mining and operations; and conservation and natural resources.

- **Agriculture Management, Production, and Operations:** This pathway covers all occupations necessary for running a farm, ranch, or aquaculture farm.
- **Horticulture, Landscaping, and Groundskeeping:** Jobs in this pathway involve designing and tending plants and landscapes in the human environment.
- **Agriculture Sciences, Processes, and Support Services:** The jobs in this pathway help make farming possible by taking care of food safety, animal breeding and health, and farming efficiency.
- **Mining and Operations:** This pathway encompasses the jobs involved in building and operating mines and gas and oil wells.
- **Conservation and Natural Resources:** This pathway focuses on using and conserving our natural resources.