



Career Connections Framework

Career Advising Policy and Student Success Planning - **Guide**

Career Connections is a joint initiative among the Governor's Office of Workforce Transformation, Ohio Board of Regents, OhioMeansJobs and Ohio Department of Education. Career Connections provides a framework by which students develop a vision and realistic plan for their futures – during K-12 and beyond. Learning strategies are embedded into Ohio's New Learning Standards for English language arts, math, science and social studies. Career Connections aligns the many efforts around college and career readiness to support students in becoming productive and engaged citizens.

Now more than ever, students need to see a connection between what they are learning in the classroom and their future careers. Ohio law requires local boards of education to adopt a policy on career advising and provide a Career-Technical Education pathway program beginning in grade 7.

JALSD BOARD POLICY 2413 - CAREER ADVISING

This policy has been developed as prescribed in R.C. 3313.6020 and the State Board of Education's Model Policy. This policy shall be updated at least once every two (2) years. The policy shall be made available to students, parents/guardians/custodians, and local postsecondary institutions, residents of the District, and shall be posted on the District web site.

Career advising is an integrated process that helps students understand how their personal interests, strengths and values might predict satisfaction and success in school and related career fields, as well as how to tie these interests and strengths to their academic and career goals. Students need to have access to comprehensive resources and support to prepare for their future success. Through relevant classroom instruction, career-related learning experiences, and a program of counseling and advising, students can discover their interests and explore academic and career pathway options.

The District's Career Advising Plan shall include:

- A. Grade-level examples that link students' schoolwork to one (1) or more career field.
- B. Career advising to students in grades K-12, which includes age-appropriate activities and also includes creating and maintaining a Student Success Plan beginning in grade 6.
- C. Additional interventions and career advising for students who are identified as at risk of dropping out of school.
- D. Training for employees on how to advise students on career pathways, including training on advising students using the tools available in Ohio Means Jobs K-12.
- E. Multiple academic and career pathways through high school that students may choose to earn a high school diploma, including opportunities to earn industry-recognized credentials and postsecondary course credit.
- F. Information on courses that can award students both traditional academic and career-technical credit.
- G. Documentation on career advising provided for review by the student, student's parent, guardian or custodian, and schools the student may attend in the future.
- H. The supports necessary for students to have successful transitions from high school to their postsecondary destinations, including interventions and services for students in need of remediation in mathematics and English language arts.

R.C. 3313.6020, Ohio Model Policy on Career Advising (ODE) (December 2014)

Adopted 6/16/15

**Jefferson Area Local Schools
Possible Activities by Grade Cluster**

The State of Ohio has created a model curriculum and supports for developing career connections throughout the K-12 educational process.

Career Awareness Elementary Grades (K-5)	Career Exploration Middle Grades (6-8)	Career Planning High School (9-12)
<p>Students become familiar with careers through learning that connects classroom instruction to future work.</p> <p>Career awareness strategies show students various types of careers and stimulate interest in future work.</p> <ul style="list-style-type: none"> • Workplace visits with career interviews • Career connections learning strategies • Classroom career speakers • Introduction to Ohio career fields and pathways 	<p>Students explore their career interests through embedded activities. Career exploration strategies are opportunities for students to discover work environments and understand the various aspects of the workplace.</p> <p>Strategies include tools and instruments that help students understand and appreciate their strengths and interests.</p> <p>Students start plans for their future with career information and postsecondary education data. Plans include course selection and planning as well as career aspirations and goals.</p> <ul style="list-style-type: none"> • Advanced academic and technical information • Student Success Plan • Career connections learning strategies • Workplace visits with career interviews • Career courses • Career mentorships • Career research • Service learning • Career-tech student organizations • OhioMeansJobs K-12 • Career pathways 	<p>Students continue career exploration while focusing on career planning.</p> <p>Activities provide advanced experiences that offer hands-on opportunities in a workplace.</p> <p>Career planning strategies focus on making clear links between career options and educational decisions. Students develop the skills to revisit previous exploration and planning strategies as they face career changes throughout life.</p> <ul style="list-style-type: none"> • Advanced academic and technical information • College Credit Plus • Career connections learning strategies • Career pathways • Career-tech student organizations • Industry-recognized credentials • Student Success Plan • Internships • Career mentorships • Pre-apprenticeship programs • Part-time work • Service learning • Cooperative education programs • OhioMeansJobs K-12

Ohio's Career Advising Policy: Eight Components

COMPONENT #1:

The Jefferson Area Local Schools provide grade-level examples that link students' schoolwork to one or more career fields. The Ohio Department of Education has created model curricula strategies. The Jefferson Area Local Schools will use these strategies and adapt them to resources in our own community and schools to help students understand the relevance of their learning to future career options.

COMPONENT #2:

We will provide career advising to all students in grades 6-12.

In grade 6, students begin to prepare for their transition to Junior High School. Instruction in study skills, course offerings, changing classes and using Chromebooks as an instructional device are covered. In the spring, students visit the junior high school to meet to talk about educational options and extra-curricular and athletic involvement. Students set up an individual account on Ohio Means Jobs.

They also find career connections in their math, science, social studies and English / Language Arts courses consistent with Ohio's standards for these subjects.

In grade 7, students experience career advising activities within their twelve week computer course. During this course students update their personal account on the OhioMeansJobs web site that they will use throughout the secondary school career. They begin the process of developing their personal student success plan.

They also find career connections in their math, science, social studies and English courses consistent with Ohio's standards for these subjects.

In grade 8, students take an Introduction career choices and study skills course for twelve weeks. Students are given information about their move to high school including academic and elective course offerings, pathways to the vocational school and College Credit Plus options. In this course they continue to work with OhioMeansJobs and update their personal student success plan.

They also find career connections in their math, science, social studies and English courses consistent with Ohio's standards for these subjects.

In grades 9-12 students annually meet with the high school guidance counselor to review course options and academic and vocational pathways including College Credit Plus, Advanced Placement courses, the Ashtabula County Technical School and military options. High school electives in art, music, computers, business, physical education and co-curricular activities such as yearbook, drama, athletics and service clubs provide students with links to future pathways in many of the major industry groups. Students and parents have access to a college access advisor to assist with college planning, FAFSA, and financial aide information. Students also work with our library media specialist on ACT Test Preparation and career guidance activities.

Career connections are woven throughout the high school math, science, social studies and English courses consistent with Ohio's standards for these subjects.

Ashtabula County Mentorship Program

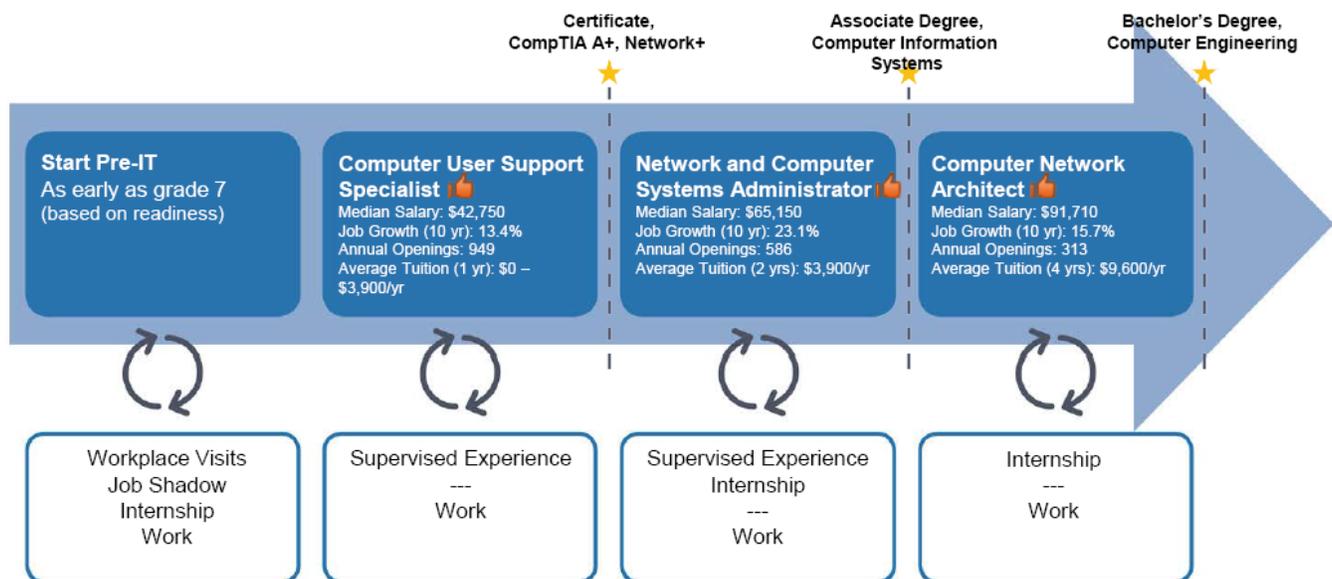
The Mentorship Program, offered through the Ashtabula County Educational Service Center in cooperation with Growth Partnership for Ashtabula County, provides an opportunity for high school juniors and seniors to explore a career or field of interest with a mentor in the private sector. It is an opportunity for a student to experience an occupation and for the mentor to share his/her enthusiasm about the profession with a young person who has the same interest. Students and mentors are asked to spend a minimum of 35 to 50 hours on the work site, and students must complete a related project.

The Jefferson Area Local Schools in partnership with the Ashtabula Technical School (ATECH) and Lakeland Community College has developed a grade 6 – postsecondary pathway as an example of pathway planning. Because of our one to one distribution of Chromebooks for our junior high students we chose to illustrate an Information Technology / Network Systems pathway.

A pathway describes the required and suggested coursework that a student takes beginning in grade 7 and progressing through a two or four year degree or certificate post-secondary program.

The following illustrates our pathway:

Information Technology Career Pathway



Courses grades 7- Postsecondary

Academic Courses Grades 7-10	Non-Core Courses	Courses at Lakeland Community College cont.
Grade 7 English or Honors English Grade 7 Mathematics or Grade 7 Honors Math Grade 7 Science Grade 7 World history Grade 8 Career Exploration Grade 8 English or Honors English Grade 8 Math or Algebra I Grade 8 Science Grade 8 US History Grade 9 Algebra 1A or Algebra I or Geometry Grade 9 English or Honors English Grade 9 Physical Science or Biology Grade 9 World History or World History Honors Grade 10 Algebra I B or Geometry or Algebra II Grade 10 Biology I or Honors Biology or Environmental Science 1 Grade 10 English or Honors English Grade 10 US History or US History Honors	Grade 7 Art Grade 7 Computers (Information Technology) Grade 8 Art Grade 9 Art I Grade 10 Art II Grade 9-10 Computer Applications Grade 9-10 Computer Programming Grade 10 Web Page Development Program at ATECH Grades 11-12 Information Technology Computer Hardware Network Operating Systems Courses at Lakeland Community College Programming Logic System Analysis Computers and Information Processing Security and security Essentials	Information Technology Project Management Information Technology and Networking Capstone Managing and Optimizing Personal Computers Using Microsoft Windows Red Hat Academy System Administration I Windows Configuration Windows Server 2008 Network Infrastructure Windows Server 2008 Active Directory Configuration Windows Server 2008 Applications Infrastructure Configuration Windows Server 2008 Enterprise Administrator Shell Script Programming Red Hat Academy System Administration III Red Hat Academy System Administration IV Network and Networking and Essentials

Industry Groups

Administrative & Support Services Arts & Entertainment Construction Education Farming, Forestry, Fishing & Hunting Finance & Insurance Government Health Care & Counseling Hotel & Food Information Technology, Management	Manufacturing Media & Communication Mining, Oil & Gas Personal Service Professional, Science & Technical Real Estate & Rentals Retail Transportation & Storage Utilities Wholesale/Commercial Sales
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COMPONENT #3:

We will utilize test scores, course grades, attendance and behavior data to identify at-risk students.

At-Risk Indicators:

- Suspension
- Students with Mild Learning Disabilities
- Mobility
- Limited English Proficiency
- Retention
- Grades and Grade History
- Truancy
- Depression
- Substance Abuse

Our Student Success Plan has been developed to provide our students instruction and introduce resources within the existing curriculum that help them move through their K-12 career and successfully graduate from high school with a clear post-secondary pathway. By linking course content and student interest to careers and secondary course choices students can become more purposeful in making education and career choices.

Student Success Plan

The Student Success Plan is one component of the Career Connections K-12 Framework. The following outline provides a list of supports, services, tools and activities that are available to provide career development experience for our students.

Overview of the Student Success Plan Outline

	6	7	8	9	10	11	12
Learning Style		x					
Career interests	x	x	x		x	x	
Strengths/skills				x	x	x	x
Work values		x	x			x	x
Academic and career pathways	x	x	x	x	x	x	x
School courses and programs	x	x	x	x	x	x	x
Career exploration activities	x	x	x	x	x	x	x
Postsecondary education and training programs			x	x	x	x	x
College and career planning and preparation			x		x	x	x

COMPONENT #4:

We will provide resources to teachers to help them advise students on career pathways, including using the available tools and resources found at the OhioMeansJobs K-12 website, INFOhio and within the district's text book related resources.

COMPONENT #5:

The Ohio Department of Education has developed sample pathway documents that help align education and training to related careers. These pathways are used to customize information for school course offerings as well as individual student plans for high school and beyond. Pathways are designed to lead to earning industry-recognized credentials, opportunities to earn postsecondary course credit while in high school, military careers, or college.

Ohio's THREE PATHWAYS TO A DIPLOMA

Ohio has new requirements for earning a high school diploma. Ohio's new graduation requirements take effect with the class of 2018.

COMPONENT #6:

We participate in options for earning academic and technical credits including College Credit Plus, AP courses and career tech – that align to the new graduation requirements and allow students to customize their experiences.

COMPONENT #7:

Documentation on career advising for review by the student, student's parent, guardian, or custodian, and schools the student may attend in the future is provided through the OhioMeansJobs K-12 website. Students will create an account in grade 7 that gives them full access to planning information and materials.

COMPONENT #8:

We will work to provide the supports necessary for students to have successful transitions from high school to their postsecondary destinations, including interventions and services for students in need of remediation in mathematics and English language arts.

Student Success Plan Outline for Grades K-5

Grade K-5

Tools and Assessments	Student Activities	School Activities	Resources
<p>KRA</p> <p>State of Ohio tests</p> <p>Diagnostic Testing</p> <p>AIMSweb</p> <p>Third Grade Reading Guarantee and Reading Improvement Plans</p> <p>Title I</p> <p>Individual Education Plans for students with special needs</p> <p>Availability of Chromebooks</p>	<p>Students will:</p> <p>Career exploration activities include field trips, career speakers, reading and writing about careers, making career connections across the curriculum.</p> <p>Begin Career Pathway Goals – considering how their interests may influence their long-term goals.</p> <p>What do you like in school?</p> <p>What are your academic strengths?</p> <p>What do you want to be when you grow up?</p> <p>Research careers related to course content.</p>	<p>Provide students with access to purposeful career exploration activities;</p> <p>Field trip(s)</p> <p>Career speakers and presentations by area professionals</p> <p>Visits and presentations by the region’s safety forces</p> <p>Help students identify their learning styles and help them make linkages between their learning and future career options</p> <p>Include embedded Career Connections Learning Strategies across all content areas so students begin to how content applies to the world of work.</p>	<p>OhioMeansJobs K-12</p> <p>TRAILS is a knowledge assessment with multiple-choice questions targeting a variety of information literacy skills based on 3rd, 6th, 9th, and 12th grade standards.</p> <p>http://www.trails-9.org/</p>

Student Success Plan Outline for Grades 6-12

Grade 6

Tools and Assessments	Student Activities	School Activities	Resources
<p>State of Ohio tests</p> <p>AIMSweb</p>	<p>Students will:</p> <p>Set up an OhioMeansJobs K-12 account by March of the sixth grade</p> <p>Complete a learning style survey</p> <p>Complete the Career Cluster Inventory or career interest survey</p> <p>Explore electives available in seventh grade and identify options to explore their own interests</p> <p>Begin Career Pathway Goals – considering how their interests may influence their long-term goals.</p>	<p>Provide students with access to purposeful career exploration activities;</p> <p>Field trips and career speakers and presentations by area professionals</p> <p>Advise students as to their learning style survey and career interests results – help them make linkages between their learning and future career options</p> <p>Advise students on choosing electives in Jr. High School that will support them with exploring their interests</p> <p>Include embedded Career Connections Learning Strategies across all content area courses for students to continue exploring and planning (i.e., Mathematics: students take on the role of small business owners to solve logistic-related problems by applying related knowledge such as volume, mass and surface area)</p>	<p>OhioMeansJobs K-12</p> <p>Junior High School course offerings</p> <p>TRAILS is a knowledge assessment with multiple-choice questions targeting a variety of information literacy skills based on 3rd, 6th, 9th, and 12th grade standards.</p> <p>http://www.trails-9.org/</p>

Grade 7

Tools and Assessments	Student Activities	School Activities	Resources
<p>Career Cluster Inventory</p> <p>Academic and Career Pathways</p> <p>State of Ohio tests</p>	<p>Students revisit OhioMeansJobs K-12 account to update their information and continue planning</p> <p>Complete Career Cluster Inventory or career interest survey</p> <p>Explore electives available in eighth grade and identify options to explore interests</p> <p>Explore courses offered in eighth grade for high school credit</p> <p>Revisit and update Career Pathway Goals – considering how personal interests may influence long-term goals.</p> <p>Begin an Academic Pathway Plan using the information learned from exploring and researching careers and the related education requirements.</p>	<p>Provide students with access to purposeful career exploration activities;</p> <p>Field trips to area businesses that represent in-demand career fields</p> <p>Career speakers and presentations by area professionals</p> <p>Advise students regarding any changes to their learning styles and career interests – continue to help them make linkages between their learning and future career options</p> <p>Advise students on choosing electives that will support them with exploring their interests</p> <p>Include embedded Career Connections Learning Strategies across all content area courses for students to continue exploring and planning (i.e., English language arts: students select an instruction manual that represents a career field of their interest and determine the applications of skills and knowledge learned in the classroom to related careers – careers that may use or create the manual)</p>	<p>OhioMeansJobs K-12</p> <p>Go: Ask, Act, Achieve</p> <p>Helpful online research guidance and tools.</p> <p>http://go.infohio.org/</p> <p>Middle grades course offerings</p> <p>Academic and Career Pathways</p>

Grade 8

Tools and Assessments	Student Activities	School Activities	Resources
<p>Career Cluster Inventory</p> <p>Strengths/Skills Inventory</p> <p>Academic and Career Pathways</p> <p>State of Ohio tests</p>	<p>Revisit OhioMeansJobs K-12 account to update information and continue planning</p> <p>Complete Career Cluster Inventory or career interest survey (if not already completed)</p> <p>Complete a strengths/skills inventory or reflect upon experiences where they have felt accomplished and successful. Then, identify the skills needed and that they enjoyed.</p> <p>Document career exploration activities completed (i.e., field trips, career speakers, job shadows)</p> <p>Create a Venn diagram on strengths/skills and interests to guide high school course and program selection</p> <p>Introduce students to Vocational Education and pathways</p> <p>Explore electives available in ninth grade and identify options to explore interests and expand strengths/skills</p> <p>Revisit and update Academic and Career Pathways – consider how interests and strengths influence long-term goals and how to begin preparing for future career goals by completing related education requirements.</p>	<p>Provide students with access to purposeful career exploration activities;</p> <p>Field trips to area businesses or the vocational school and exploring in-demand career fields</p> <p>Career speakers and presentations by area professionals</p> <p>Career mentorships and school partnerships with business and industry</p> <p>Advise students as to their strengths/skills survey results regarding any changes to their learning styles and career interests and continue to help them make linkages between their learning and future career options</p> <p>Advise students on choosing electives that will support them with exploring their interests – pay special focus on graduation requirements and the three pathway options for earning a high school diploma</p> <p>Include embedded Career Connections Learning Strategies across all content area courses for students to continue exploring and planning</p>	<p>OhioMeansJobs K-12</p> <p>Ready for College, Ready For Work, Ready for Success!</p> <p>Find tools and strategies to help students be successful on tests that students take on the pathway to graduation.</p> <p>http://libguides.infohio.org/te stprep</p> <p>Go: Ask, Act, Achieve</p> <p>Helpful online research guidance and tools.</p> <p>http://go.infohio.org/</p> <p>High school course and program offerings</p> <p>High school graduation requirements and pathways to earning a diploma</p> <p>Academic and Career Pathways</p>

Grade 9

Tools and Assessments	Student Activities	School Activities	Resources
<p>Explore Academic and Career Pathways</p> <p>End-of-Course Exams</p> <p>Online practice tests and test prep courses (i.e., PLAN/ACT, PSAT/SAT, WorkKeys, ASVAB)</p>	<p>Revisit OhioMeansJobs K-12 account to update information and continue planning</p> <p>Document career exploration activities completed (i.e., field trips, career speakers, job shadows, internships, community service and service learning)</p> <p>Explore electives available in 10th grade and identify options to explore interests and expand strengths/skills</p> <p>Explore programs available at the vocational school where students can earn credentials or certificates during high school</p> <p>Revisit and update Academic and Career Pathways – consider how interests and strengths may influence long-term goals and how to begin preparing now for your career goals by completing related education requirements.</p>	<p>Provide students with access to purposeful career exploration activities;</p> <p>Field trips to area businesses and Career speakers and presentations by area professionals</p> <p>Internships (paid or unpaid) to gain work experience and workplace skills and Community service and service learning where students have an opportunity to lead, organize and facilitate meaningful projects</p> <p>Advise students as to their strengths/skills survey results, regarding any changes to their learning styles and career interests and continue to help them make linkages between their learning and future career options</p> <p>Advise students on choosing electives and other programs that will support them with exploring their interests– pay special focus on graduation requirements and the three pathway options for earning a high school diploma</p> <p>Include embedded Career Connections Learning Strategies across all content area courses for students to continue exploring and planning (i.e., English language arts: career research paper on their career pathway of interest)</p>	<p>OhioMeansJobs K-12</p> <p>Ready for College, Ready For Work, Ready for Success!</p> <p>Find tools and strategies to help students be successful on tests that students take on the pathway to graduation.</p> <p>http://libguides.infohio.org/testprep</p> <p>Go: Ask, Act, Achieve</p> <p>Helpful online research guidance and tools.</p> <p>http://go.infohio.org/</p> <p>TRAILS is a knowledge assessment with multiple-choice questions targeting a variety of information literacy skills based on 3rd, 6th, 9th, and 12th grade standards.</p> <p>http://www.trails-9.org/</p> <p>High school course and program offerings</p> <p>High school graduation requirements and pathways to earning a diploma</p> <p>Academic and Career Pathways</p>

Grade 10

Tools and Assessments	Student Activities	School Activities	Resources
<p>Career Profile</p> <p>Academic and Career Pathways</p> <p>End-of-Course Exams</p> <p>Online practice tests and test prep courses (i.e., PLAN/ACT, PSAT/SAT, WorkKeys, ASVAB)</p>	<p>Revisit your OhioMeansJobs K-12 account to update your information and continue planning</p> <p>Research college admissions criteria (i.e., G.P.A., entrance exam scores, essay, interview)</p> <p>Complete Career Profile to explore the relationship between personality and career interests</p> <p>Explore electives available in 11th grade and identify options to explore interests and expand strengths/skills</p> <p>Begin an initial draft of résumé and cover letter – Save this information for later use applying for a job or applying for a college or scholarship.</p> <p>Explore programs at the Vocational School where credentials or certificates can be earned.</p> <p>Revisit and update Academic and Career Pathways – consider how your interests and strengths may influence long-term goals and how to begin preparing now for future career goals by completing related education requirements.</p>	<p>Field trips to area businesses that represent in-demand career fields and Career speakers and presentations by area professionals</p> <p>Career mentorships and school partnerships with business and industry or job shadows with expectations for students to identify linkages between their own learning and the workplace</p> <p>Internships (paid or unpaid) to gain work experience and workplace skills and Community service and service learning where students have an opportunity to lead, organize and facilitate meaningful projects</p> <p>Advise students as to their assessment results regarding any changes to their learning styles and career interests and continue to help them make linkages between their learning and future career options</p> <p>Advise students on choosing electives and other programs that will support them with exploring their interests– pay special focus on graduation requirements and the three pathway options for earning a high school diploma</p> <p>Include embedded Career Connections Learning Strategies across all content area courses for students to continue exploring and planning (i.e., Mathematics: creating and using algebraic equations to predict the cost of college and compare total costs across colleges)</p>	<p>OhioMeansJobs K-12</p> <p>Ready for College, Ready For Work, Ready for Success!</p> <p>Find tools and strategies to help students be successful on tests that students take on the pathway to graduation.</p> <p>http://libguides.infohio.org/testprep</p> <p>Research 4 Success</p> <p>Need research help? Try Research 4 Success.</p> <p>http://r4s.infohio.org/</p> <p>High school course and program offerings</p> <p>High school graduation requirements and pathways to earning a diploma</p> <p>Academic and Career Pathways</p> <p>act.org</p> <p>collegeboard.com</p>

Grade 11

Tools and Assessments	Student Activities	School Activities	Resources
<p>Career Profile Scholarship Search</p> <p>College and Postsecondary Education and Training Search</p> <p>End-of-Course Exams</p> <p>State provided ACT test</p> <p>Online practice tests and test prep courses (i.e., PLAN/ACT, PSAT/SAT, WorkKeys, ASVAB)</p> <p>College Access Advisor</p>	<p>Revisit OhioMeansJobs K-12 account to update information and continue planning</p> <p>Connect college search and majors to career interests; schedule college visits to tour campuses, meet with admissions and talk with financial aid advisors</p> <p>Construct a college and career comparison chart to evaluate your options and begin to make choices for your plans after high school</p> <p>Update the draft of résumé and cover letter with any new experiences or accomplishments</p> <p>Document your reflection of career exploration activities completed (i.e., field trips, career speakers, job shadows, internships, community service and service learning, college visit, college and career fairs)</p> <p>Explore electives available in 12th grade and identify options to explore interests and expand strengths/skills</p>	<p>Provide students with access to purposeful career exploration activities;</p> <p>Field trips to area business that represent in-demand career fields</p> <p>Career speakers/presentations by area professionals / Career mentorships and school partnerships with business and industry</p> <p>Job shadows with expectations for students to identify linkages to their own learning and the workplace / Internships (paid or unpaid) to gain work experience and workplace skills</p> <p>Community service and service learning where students have an opportunity to lead, organize and facilitate meaningful projects</p> <p>College and career fairs to begin evaluating options and college visits to inform decisions and meet with admissions and financial aid advisors</p> <p>Advise students on options to finance their postsecondary education (i.e., grants, loans, scholarships), resources needed to apply to college, military and work, and other supports necessary for their plans after high school</p> <p>Provide students with resources and access to online practice tests and test prep courses (i.e., PLAN/ACT, PSAT/SAT, WorkKeys, ASVAB)</p> <p>Advise students on senior electives and programs offered where they may earn credentials, certificates or college credit</p> <p>Include embedded Career Connections Learning Strategies across all content area courses for students to continue exploring and planning (i.e., Social studies: career interviews where students research careers and related education and training requirements, wage and outlook data for various career pathways)</p>	<p>OhioMeansJobs K-12</p> <p>Ready for College, Ready For Work, Ready for Success!</p> <p>Find tools and strategies to help students be successful on tests that students take on the pathway to graduation.</p> <p>http://libguides.infohio.org/testprep</p> <p>Research 4 Success</p> <p>Need research help? Try Research 4 Success.</p> <p>http://r4s.infohio.org/</p> <p>High school course and program offerings</p> <p>High school graduation requirements and pathways to earning a diploma</p> <p>Academic and Career Pathways</p> <p>act.org</p> <p>collegeboard.com</p>

Grade 12

Tools and Assessments	Student Activities	School Activities	Resources
<p>FAFSA</p> <p>Applications (work, college, military, scholarship, financial aid, etc.)</p> <p>Academic and Career Pathways</p> <p>End-of-Course Exams</p>	<p>Revisit OhioMeansJobs K-12 account to finalize information and continue planning</p> <p>Complete applications and submit essay and career narrative as required for plans after high school – request recommendations and transcripts</p> <p>Update and finalize résumé</p> <p>Compile a career portfolio that includes the documentation collected throughout high school, exemplar works, essays, your résumé and other components necessary to support plans after high school</p>	<p>Provide students with access to purposeful career exploration activities;</p> <p>Field trips to area businesses that represent in-demand career fields</p> <p>Career speakers and presentations by area professionals</p> <p>Career mentorships and school partnerships with business and industry</p> <p>Job shadows with expectations for students to identify linkages to their own learning and the workplace</p> <p>Internships (paid or unpaid) to gain work experience and workplace skills</p> <p>Community service and service learning where students have an opportunity to lead, organize and facilitate meaningful projects</p> <p>College and career fairs to begin evaluating options and college visits to inform decisions and meet with admissions and financial aid advisors</p> <p>Advise students on options to finance their postsecondary education (i.e., grants, loans, scholarships), resources needed to apply to college, military and work, and other supports necessary for their plans after high school</p> <p>Provide students with resources and access to online practice tests and test prep courses (i.e., PLAN/ACT, PSAT/SAT, WorkKeys, ASVAB)</p> <p>Advise students as to their Work Importance Locator and applicable college or career assessment results regarding any changes to their learning style and career interests and continue to help them make linkages between their learning and future career options</p> <p>Include embedded Career Connections Learning Strategies across all content area courses for students to continue exploring and planning (i.e., Science: using problem-based learning, students will explore implications of a power outage on a community and identify the organizations and jobs necessary to restore power and resolve the issues)</p>	<p>OhioMeansJobs K-12</p> <p>Ready for College, Ready For Work, Ready for Success!</p> <p>Find tools and strategies to help students be successful on tests that students take on the pathway to graduation.</p> <p>http://libguides.infohio.org/teprep</p> <p>Research 4 Success</p> <p>Need research help? Try Research 4 Success.</p> <p>http://r4s.infohio.org/</p> <p>TRAILS is a knowledge assessment with multiple-choice questions targeting a variety of information literacy skills based on 3rd, 6th, 9th, and 12th grade standards.</p> <p>http://www.trails-9.org/</p> <p>High school course and program offerings</p> <p>High school graduation requirements and pathways to earning a diploma</p> <p>Academic and Career Pathways</p> <p>act.org</p> <p>collegeboard.com</p> <p>fafsa.org</p>

Additional Resources

<http://www.educationplanner.org/students/self-assessments/index.shtml>

Learning style survey

Study habit survey

http://www.odessa.edu/dept/govt/dille/brian/courses/1100orientation/learningstyleinventory_survey.pdf

Learning style survey

<http://www.vark-learn.com/english/page.asp?p=younger>

Learning style survey

<http://www.vocopher.com/>

Career development assessment and survey tools

<http://www.careertech.org/student-interest-survey>

Career interest survey

<http://www.onetcenter.org/tools.html>

O*NET Ability Profiler

O*NET Interest Profiler

O*NET Computerized Interest Profiler

O*NET Interest Profiler Short Form

O*NET Work Importance Locator

O*NET Work Importance Profiler

<http://www.asvabprogram.com/>

ASVAB information for teachers and counselors

Graduation Requirements 2018 and Beyond

The graduation requirements for the classes of 2018 and beyond include curriculum and three options to show readiness for next steps in college and careers.

Credit Requirements

Ohio requires students to take and complete a minimum of 20 required credits.	State Minimum
English language arts	4 units
Health	½ unit
Mathematics	4 units ¹
Physical education	½ unit ²
Science	3 units ³
Social studies	3 units ⁴
Electives	5 units ⁵
Additional credits, if any, in district requirements	
Other Requirements	
Economics and financial literacy ⁶	
Fine arts ⁶	

AND

AND MEET ONE OF THE FOLLOWING THREE:

1. **Ohio’s State Tests**
 Students earn a cumulative passing score of 18 points, using seven end-of-course state tests. To ensure students are well rounded, they must earn a minimum of four points in math, four points in English and six points across science and social studies.

End-of-course exams are:

- Algebra I⁷ and geometry or integrated math I and II
- Biology
- American history and American government
- English I and English II

Students studying Advanced Placement (AP) or International Baccalaureate (IB) courses in biology, American history or American government may take and substitute test scores for end-of-course state exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in these science and social studies subjects for end-of-course state exams.

2. Industry credential and workforce readiness

Students earn 12 points through a State Board of Education-approved, [industry-recognized credential or group of credentials](#) in a single career field and achieve a **workforce readiness score** on the **WorkKeys** assessment. The state of Ohio will pay one time for those who take the WorkKeys assessment.

3. College admission test

Students earn “remediation-free” scores in English language arts and mathematics on a nationally recognized college admission exam. The state of Ohio will pay one time for all 11th grade students in the classes of 2018 and beyond to take the exam free of charge.

More information

1 **Mathematics** units must include one unit of algebra II or the equivalent of algebra II. Exceptions: a) Algebra II is not a requirement for students following a [career-technical pathway](#). However, students still must have four units in mathematics, and b) A family may decide that their child is not prepared to meet the graduation requirement for a higher level math course. Or, their child may be planning a career that does not require higher level math. Algebra II may not be a requirement for this student. [Here](#) is more information on Curriculum Choices.

2 **Physical education** - School districts may adopt a policy that would exempt students who participate in interscholastic athletics, marching band or cheerleading for two full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years from the physical education requirement. Students must take another course, which cannot be a physical education course, of at least 60 contact hours.

3 **Science** units must include one unit of physical sciences, one unit of life sciences and one unit of advanced study in one or more of the following sciences: chemistry, physics or other physical science; advanced biology or other life science; astronomy, physical geology or other earth or space science. Exception: A family may decide that their student is not prepared to meet the graduation requirement for a higher level science course. Or, their student may be planning a career that does not require higher level science. Higher level science may not be a requirement for this student. [Here](#) is more information on Curriculum Choices.

4 **Social studies** units must include ½ unit of American history and ½ unit of American government in three units required for the classes of 2018 and 2019. The class of 2021 will need ½ unit in world history and civilizations in their required three units as well as American history and American government.

5 **Elective credits** must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required.

6 **Other state requirements** - All students must receive instruction in economics and financial literacy during grades 9-12 and must complete at least two semesters of fine arts taken any time in grades 7-12. Fine arts is not a requirement for students following a career-technical pathway.

7 **The State Board of Education** may decide to include an algebra II end-of-course examination in place of the algebra I end-of-course exam beginning for students entering ninth grade on or after July 1, 2016.

Industry-Recognized Credentials

Explore Career Fields

<p><u>Agriculture</u></p> 	<p><u>Arts and Communications</u></p> 	<p><u>Business and Finance</u></p> 
<p><u>Construction</u></p> 	<p><u>Education and Training</u></p> 	<p><u>Engineering</u></p> 
<p><u>Health</u></p> 	<p><u>Hospitality and Tourism</u></p> 	<p><u>Human Services</u></p> 
<p><u>Information Technology</u></p> 	<p><u>Law and Public Safety</u></p> 	<p><u>Manufacturing</u></p> 
	<p><u>Transportation</u></p> 	

Workforce Readiness Score

The Industry credential and workforce readiness option means that students must earn 12 points through a State Board of Education-approved, [industry-recognized credential or group of credentials](#) in a single career field and achieve a workforce readiness score on the [WorkKeys](#) assessment.

The WorkKeys assessment has three sections: reading, applied mathematics and locating information. Students in the Classes of 2018 and 2019 must earn a total of 13 points across the three WorkKeys sections; students in the Class of 2020 and beyond must earn a total of 14 points. Students must also earn at least three points on each section of the test.

Direct questions to industrycredentials@education.ohio.gov.