Commonwealth Cascades
Free MSCI Digital Resources

VSTE 2018
Online Courses & Content

- Algebra I
- Algebra II
- Astronomy
- Biology
- Chemistry
- Earth Science
- Economics and Personal Finance
- English 9
- English 10
- English 11
- English 12
- French I
- Geometry
- Health and PE 9
- Health and PE 10
- Math Analysis
- Oceanography
- Physics
- Psychology
- Virginia and US Government
- Virginia and US History
- World History I
- World History II
- World Geography

- Digital Citizenship
- Middle School Career Investigations
- Online Teaching Methodology
Our Process

Need Identified
Assemble CDTM and CART
Train CDTM and CART
Create Course Outlines and Alignments
Create Content
Build Course
Review Course
Deliver to School Divisions
• Produce an online version of the Middle School Career Investigation course content (Supt. Memo #187-17)

• Provide Delivery Options (Fully Online, Blended, Curriculum Resource)

• Deliver Pacing Options (9 weeks, 18 weeks)

• Designed for multiple teachers (MS Teachers, MS School, Counselors, MS Administrators)
<table>
<thead>
<tr>
<th></th>
<th>Modifiable</th>
<th>9 Week Pacing</th>
<th>18 Week Pacing</th>
<th>Auto Graded Quizzes</th>
<th>Optional Assessments</th>
<th>Instructor’s Guide</th>
<th>Student Resources</th>
<th>Academic &amp; Career Planning Guide</th>
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</table>
Middle School Career Investigations

Introduction

Zoomin' 4D Ride

As Makayla and Caleb exit the Zoomin' 4D ride, their heads are spinning from all of the sights, smells, and sounds. As they go on and on about the ride, Jack, the Multimedia Animator for Zoomin' 4D, overhears Makayla and Caleb and joins in their conversation. Click the player button to begin your exploration of the Information Technology Career Cluster.

View a printable version of the interactivity or an ADA compliant transcript.

Essential Questions

As you learn about the Information Technology Career Cluster, make sure to consider these Essential Questions:

- What careers are available in the Information Technology Career Cluster?
- What skills do information technology employees demonstrate in the workplace?
- How can you begin planning for a career in information technology?

Warm-Up

Get started in your exploration of the Information Technology Career Cluster by playing the Test Your IT Strength game. Read each definition describing an IT term and use the word bank to drag and drop the appropriate term onto the target. At the end, pick your price. Click the player button to get started.
Welcome to Middle School Career Investigations

Amusement parks can be a lot of fun. They are filled with rides, games, food, animals, and shows. Have you ever wondered what makes all of this work? It takes a large number of people performing a variety of jobs to keep an amusement park operational.

This instructional content is built around different types of careers related to a fictional park, Commonwealth Cascades. You will get to explore 16 career clusters and lots of career pathways. You will also examine skills and education requirements and salaries for various jobs and military positions.

At the end of this Middle School Career Investigations content, you will map out your own Academic and Career Plan. Take a moment to learn more about Commonwealth Cascades by watching this brief introduction. Click the player button to get started.

View a printable version of this interactivity.
In this supplementary section, you will find resources and documents to help you navigate through the Middle School Career Investigations (MSCI) content. If you need extra help with a learning activity, click on the links below. Make sure that you view the Course Overview for a review of Commonwealth Cascades.

Content Icons

You can access the course icon library for definitions of each icon used in this content. Icons are used to highlight various learning activities and assist with navigation.

How to Resources and Helpful Links

This section contains procedures for some tasks you may be required to perform on your computer in order to complete this course.

- Academic and Career Plans of Study
- Citing Resources MLA Style
- Creating Effective Presentations
- Educational Terms and Definitions
- How to Take a Screenshot and Paste It Into a Word Processing Program
- Submitting Assignments
- Tips for Viewing and Navigating Content Interactivities
- Tips for Viewing and Navigating Quiz Interactivities
MIDDLE SCHOOL CAREER INVESTIGATIONS TEACHER AND SCHOOL COUNSELOR GUIDE

August 2018

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http://whroeducation.org/onlinecourses
• Scope and Sequence
• Pacing Guides
• CTE Competencies/Skills Alignment
• Optional Assessments/Assignments with Checklists and Rubrics
• eMediaVA℠ Information
• Accessibility Information
• School Counselor Academic and Career Planning Guides, Scenarios, and Resources
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<td>Topic 1 Content</td>
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<tr>
<td>Demonstrating Workplace Readiness Skills: Personal Qualities and People Skills</td>
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<td>2. Demonstrate integrity.</td>
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</tr>
<tr>
<td>3. Demonstrate teamwork skills.</td>
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<tr>
<td>4. Demonstrate self-representation skills.</td>
<td>X</td>
</tr>
<tr>
<td>5. Demonstrate diversity awareness.</td>
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<tr>
<td>6. Demonstrate conflict-resolution skills.</td>
<td>X</td>
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<tr>
<td>7. Demonstrate creativity and resourcefulness.</td>
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<tr>
<td>Demonstrating Workplace Readiness Skills: Professional Knowledge and Skills</td>
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<tr>
<td>8. Demonstrate effective speaking and listening skills.</td>
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</tr>
<tr>
<td>9. Demonstrate effective reading and writing skills.</td>
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</table>
Installation

Middle School Career Investigations
Installation Directions

The Middle School Career Investigation (MSCI) content files are available for download to use in a variety of instructional settings.

1. Set up a new directory folder on a local server. With an FTP client like FileZilla, download the 4 .zip files (MSCI_part1.zip, MSCI_part2.zip, MSCI_part3.zip, MSCI_part4.zip) using the following credentials:
   Host: ftp.mscicontent.org
   Username: MSCI_access
   Password: WHROcontent!
   
   **NOTE:** The backup-moodle-MSCI.mdb file and the CDEExport_MSCI.zip are for the learning management installations provided at the end of this document.

2. Next, unzip the 4 compressed files and move the folders and files so that the file structure looks like the image on the right.

3. Once the files are loaded on a local web server, link to the index.html file. This page looks like:

   ![Middle School Career Investigations](image)

   - assignments
   - html5
   - icons
   - mobile
   - overview
   - resources
   - story_content
   - template-css
   - template-images
   - testing_images
   - top1
   - top2
   - top3
   - top4
   - top5
   - top6
   - top7
   - top8
   - top9
   - top10
   - top11
   - top12
   - top13
   - top14
   - top15
   - index.html
   - map.story
   - meta.xml
   - README.pdf
   - story.html
   - story_html5.html

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Middle School Career Investigations
Installation Directions

This course has been designed using rapid e-learning software. This technology allows you to view all of the course components on different types of devices. The software is smart. It will deliver interactivities in a format that is compatible with your device, making this course fully functional on a desktop computer, laptop, tablet, mobile device or a smartphone.

**Topic Folder Contents**

Each top folder in the course file structure contains a specific set of files necessary for the course functionality:

- **Documents Folder**—PDF files of printable course documents and printable versions of interactivities/learning objects
- **Images**—Any graphics used in the topic/lesson
- **Multimedia**—Final copies of interactivities/learning objects, presentations, and quizzes
- **Images**—Any final graphics

**Please Note:** For each topic folder, there is only one intro.html, content.html, quiz.html, and summ.html file.

There are some important instructional documents available inside of the course files. Please make sure that teachers and school counselors are provided with the following items:

1. **README.pdf**—This file is the Teacher and School Counselor Handbook
2. The assignments folder contains modifiable files of the optional application assignments and the culminating activity.
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Questions