**TEXAS CTE LESSON PLAN**

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| **Lesson Identification and TEKS Addressed** | |
| **Cluster** | Education and Training |
| **Course** | Principles of Education and Training |
| **Lesson/Unit Title** | Education and Training Career Investigation |
| **TEKS Student Expectations** | 130.162. (c) Knowledge and Skills  (2) The student explores education and training careers by such means as shadowing, interviewing, career interest inventory, researching, and/or self-reflection.  (B) The student is expected to analyze transferable skills among a variety of careers within the Education and Training Career Cluster  (3) The student explains societal impacts within the education and training career cluster.  (A) The student is expected to investigate trends or issues that have influenced the development of education across the United States such as historical, societal, cultural, and political trends and issues  (B) The student is expected to predict the Education and Training Career Cluster job market by using information from sources such as labor market information, technology, and societal or economic trends |
| **Basic Direct Teach Lesson** | |
| **Instructional Objectives** | **Students will:**   * Investigate careers within the Education and Training career cluster * Create educational career plans within the Education and Training career cluster * Summarize, rewrite and report information on a specific career |
| **Rationale** | As you entered the school building today and walked to your classes, you likely saw many faculty and staff members. Every person who works for the school and the school district plays a vital role in the success of the school and its students. Without the receptionist, secretary and attendance clerk, parents would be without information about school events, or possibly be unable to locate their child on a school campus. A school without a principal would lack leadership and direction. A lack of counselors would leave students without plans for their future and no one to create testing schedules during End of Course (EOC) testing.  Today you will begin a unit that explores the various careers within the Education and Training Career Cluster. You will also create a career plan, or pathway, that will lead to a career of interest within the Education and Training Career Cluster. |
| **Duration of Lesson** | Four 45-minute class periods |
| **Word Wall** | **AchieveTexas:** The name for Texas’ college and career education initiative  **Career:** A lifelong journey as a person works to meet his or her earning, learning, and living goals. A career continually changes as an individual grows through personal experiences, education, and activities  **Career Cluster:** Groupings of occupations/career specialties used as an organizing tool for curriculum design and instruction  **Education:** The act or process of acquiring knowledge. A particular kind of instruction or training  **Interests:** What one like or prefers to do  **Occupations/Career Specialties:** Are particular careers or occupations based on advanced knowledge and skills specific to that career or occupation  **Occupational Outlook Handbook:** Is a publication of the United States Department of Labor’s Bureau of Labor Statistics that includes information about the nature of work, working conditions, training and education, earnings, and job outlook for hundreds of different occupations. Each profile also includes BLS employment projections for the 2010–20 decade  **Success:** Accomplishments or achievements  **Training Plan:** Outline who will deliver the training, and when and where your apprentice or trainee needs to go to receive the structured component of the training |
| **Materials/**  **Specialized Equipment Needed** | **Equipment:**   * Computer with projector for multimedia presentation * Presenter/remote * Computer lab with Internet access (be sure to follow district guidelines for Internet access)   **Materials:**   * Index cards * Props related to the Education and Training Career Cluster * Copies of handouts   **PowerPoints:**   * Education and Training Career Investigation   **Technology:**   * Free iPad App:   TED Conferences<https://itunes.apple.com/us/app/ted/id376183339?mt=8>   * TedTalk:   Diana Laufenberg: How to learn? From mistakes Diana Laufenberg shares three surprising things she has learned about teaching â including a key insight about learning from mistakes.<https://www.ted.com/playlists/182/talks_from_inspiring_teachers>  **YouTube:**   * An Introduction to Teacher Development New models for preparing educators in training focus on practical tips and feedback.<http://youtu.be/wDdC8_e3Aog>   **Graphic Organizer:**   * Education and Training Career Investigation Notes * KWL Chart – Education and Training Career Investigation   **Handouts:**   * Career Investigation * Career Investigation Rubric * Career Investigation Reflection * Career Investigation Reflection Rubric * My Career Plan |
| **Anticipatory Set** | Prior to the lesson:  At the front of the classroom, display items/props that relate to the Education and Training Career Cluster students will be investigating. You could also create a bulletin board with the same theme.  Hand each student a blank index card as walk into the classroom. Instruct them to write down the name of a job or career related to the Education and Training Career Cluster. Ask the students to share what they wrote on the index cards. You may opt to assign a scribe to write the name of the jobs or careers on the board.  Possible questions for discussion:   * What educational career are you interested in pursuing? Why? * What kind of educational careers are in demand? * What are some examples of educational careers beyond the classroom? * How do you go about choosing what you want to be when you grow up? * What are some factors you should consider? * What’s the difference between a job and a career? * What careers do you know about? * Can a job become a career? Explain. * How do you know about these careers? * Do you think there are careers that might be perfect for you that you don’t know about? * How can you find out about these careers? * Why do you think it’s important to learn as much as possible about available career choices at your age? * What might happen if you don’t start investigating career choices until after you graduate?   Distribute graphic organizer, KWL Chart – Education and Training Career Investigation. Have students complete the first two columns of the chart. Ask students to write down what they already know about planning a career in education and what they want to learn about planning a career in education in the second column. The last column will be completed during Lesson Closure.   Incorporate or proceed to Lesson Rationale. |
| **Direct Instruction with Special Education Modifications/**  **Accommodations** | Introduce lesson objectives, terms, and their definitions.  Distribute the handout and graphic organizer Education and Training Career Investigation Notes so that students may take notes during the slide presentation.  Introduce PowerPoint, Education, and Training Career Investigation. Students will be expected to take notes while viewing the slide presentation. Allow time for classroom discussion.  Throughout the lesson refer to the Word Wall so that students may become familiar with terminology. You may use a site such as wordle.net or tagxedo.com to create a digital word wall.  Video included in the presentation:   * An Introduction to Teacher Development  New models for preparing educators in training focus on practical tips and feedback.<http://youtu.be/wDdC8_e3Aog>   *Individualized Education Plan (IEP) for all special education students must be followed. Examples of accommodations may include, but are not limited to:*   * Providing students with a copy of the presentation * Correct for spelling and grammar but do not deduct from total on homework * Providing individual assistance, as needed |
| **Guided Practice with Special Education Modifications/**  **Accommodations** | Distribute the handout, My Career Plan. Inform students that they will create a career plan based upon an Education and Training career he or she is interested in. Students will input specific data about classes, summer jobs, internships or job shadowing that will benefit them in acquiring more knowledge and hands-on experience for the career they are interested in.  You may opt to invite the school counselor to provide assistance with course offerings on campus.  Allow for questions and discussion. Check for understanding.  *Individualized Education Plan (IEP) for all special education students must be followed. Examples of accommodations may include, but are not limited to:*   * Partnering with a more experienced student * Providing extra time, as needed * Correcting for spelling and grammar but do not deduct from total on homework * Providing individual assistance, as needed |
| **Independent Practice/**  **Laboratory Experience with Special Education Modifications/**  **Accommodations** | Have students work in small groups. Each group will research a career of their choice within the Education and Training Career Cluster. You may opt to assign each group a specific career. The careers options include in the pathways of:   * Administration and administrative support * Professional support services * Teaching and training   Distribute the handout, Career Investigation.  Direct students to the O\*Net Online website. <http://www.onetonline.org/>  Note to teacher – if you do not have a computer lab for your students, you may print the information needed for the careers from your computer so that students may be able to complete the assignment.  Students will design a way to present an Education and Training career to the class. Advise them to avoid lecturing or reading a research paper. Encourage them to make the learning experience as interactive as possible. Some suggestions can include:   * Developing a brochure or pamphlet * Developing a Jeopardy game * Developing a skit or role-play scenarios * Illustrated story book * Learning center * Prezi® * Providing a display or visual aids * True or false quiz game * Video clip   Allow sufficient time for research and preparation. Each group will present their career information during Summative/End of Lesson Assessment.  Distribute and review the Career Investigation Rubric so that students will understand what is expected.  *Individualized Education Plan (IEP) for all special education students must be followed. Examples of accommodations may include, but are not limited to:*   * providing students with a copy of the presentation * correcting for spelling and grammar but do not deduct from total on homework * providing individual assistance, as needed |
| **Lesson Closure** | Review objectives, terms, and definitions.  Complete graphic organizer, KWL Chart – Education and Training Career Investigation (see All Lesson Attachments tab) to analyze what they have learned about planning for a career in education. |
| **Summative/End of Lesson Assessment with Special Education Modifications/**  **Accommodations** | Each group will present their career information. Presentations will be assessed with a rubric.  At the end of the presentations, give students an opportunity to demonstrate overall understanding of concepts and skills by asking the following four open-minded questions:   * What new career paths did you discover that you had never thought of before? * How did the chosen profession match your current interests? * How can this information help you towards your career path? * How can you use this information in the future?   Distribute the handout, Career Investigation Reflection. Students will write a reflection based on their research findings. Students will be assessed using the Career Investigation Reflection Rubric.  *Individualized Education Plan (IEP) for all special education students must be followed. Examples of accommodations may include, but are not limited to:*   * Providing individual time, as needed * Correcting for spelling and grammar but do not deduct from total on homework * Providing individual assistance, as needed |
| **References/**  **Resources** | **Images:**   * Photos obtained through a license with Shutterstock.com®.   **Textbooks:**   * Diaz, C., Pelletier, C. & Provenzo, Jr., E. (2006). *Touch the future: teaching!* Boston, MA: Pearson Education, Inc. * Kauchak, D. & Eggen, P. (2014). *Introduction to teaching: becoming a professional*. (Fifth ed.). Saddle River, NJ: Pearson Education, Inc. * Morrison, G. (2012). *Early childhood education today*. (Twelfth ed.). Upper Saddle River, NJ: Pearson Education, Inc.   **Websites:**   * Bureau of Labor Statistics Data tools for Education and Training.<http://www.bls.gov/ooh/education-training-and-library/home.htm> * Occupational Outlook Handbook  Bureau of Labor Statistics. This is a website describing jobs and their requirements, career outlooks, pay and employment forecasts. <http://www.bls.gov/ooh/> * OOH Teacher’s Guide for the Occupational Outlook Handbook <http://www.bls.gov/ooh/About/Teachers-Guide.htm> * Prezi® A virtual whiteboard that transforms presentations.<http://www.prezi.com/> * TEXASgenuine.org Students can explore potential careers that fall within their top Career Clusters® of interest, view salary information and educational requirements for potential careers and watch short videos to learn about CTE programs offered at the more than 50 public community and technical colleges throughout the state.<http://www.texasgenuine.org> * Top Ten Reviews  2015 Compare Best Education Jobs<http://education-careers-review.toptenreviews.com/>   **YouTube:**   * An Introduction to Teacher Development New models for preparing educators in training focus on practical tips and feedback.<http://youtu.be/wDdC8_e3Aog> |
| **Additional Required Components** | |
| **English Language Proficiency Standards (ELPS) Strategies** | * Word wall * Draw visual representations of terms on word wall * Visual representations of 16 Career Clusters * <http://www.learnersdictionary.com/> for pronunciation and meaning of terms |
| **College and Career Readiness Connection[[1]](#footnote-1)** |  |
| **Recommended Strategies** | |
| **Reading Strategies** | Current Events: Assign students to read content concerning careers in Education and Training. Information can be found in newspaper articles, magazines, journals, and online print.  Suggestions:   * Five Powerful Questions Teachers Can Ask Students<http://www.edutopia.org/blog/five-powerful-questions-teachers-ask-students-rebecca-alber> * Is Your Student Prepared for Life? <http://www.nytimes.com/2014/09/01/opinion/is-your-student-prepared-for-life.html?_r=0.> * What Students Remember Most About Teachers<http://www.edutopia.org/discussion/what-students-remember-most-about-teachers> * Promote the use of the pre-reading strategy prediction. * Encourage students to connect reading to their life experiences or prior knowledge. * Word Attack Strategies: Prior to reading, allow students to skim the passage or text, circling words that are unfamiliar to them. Once these words are decoded (glossary, dictionary, dictionary.com, classroom discussion), students will have a better understanding of the pronunciation and meaning of the unfamiliar word(s), facilitating comprehension. |
| **Quotes** | Every day students come to be who are trying to keep their head above the water, who are trying to float in this world. They come to us from abusive situations, they come to us from poverty, they come to us from group homes and from homelessness. They come to us for breakfast, for lunch and for health care, for love, for support and, yes, for education.  **-Barbara Walton-Farai**  The teacher’s art consists in this: To turn the child’s attention from trivial details and to guide his thoughts continually towards relations of importance which he will one day need to know, that he may judge rightly of good and evil in society.  **-Jean-Jacques Rousseau**  Today, we begin in earnest the work of making sure that the world we leave our children is just a little bit better than the one we inhabit today.  **-President Barack Obama**  Education is the most powerful weapon which you can use to change the world.  **-Nelson Mandela** |
| **Writing Strategies** | **Journal Entries:**   * What career do you see yourself in 20 years? * What classes, preparation or resources will you utilize to achieve the career pathway you want to have? * When I grow up, I want to be… * I am interested in \_\_\_\_\_\_\_\_\_ career because \_\_\_\_\_\_\_\_\_. * List careers in the Education and Training cluster.   **Writing Strategy:**  RAFT   * + Role: High school student   + Audience: Middle school students   + Format: Persuasive   + Topic: Preparing for a career in education |
| **Communication 90 Second Speech Topics** | * Describe a career option in the Education and Training cluster. * If I could do any career in the world I would choose… * What I love to do most is… |
| **Other Essential Lesson Components** | |
| **Enrichment activity** | * Students could use Microsoft Office or other software to make a flow chart with all of the jobs in the local school district. * Invite each of the administrators, administrative support and support service employees to come to the class to be interviewed about their positions, advice they would offer, the training and other jobs they have had, why they came to this district, and other information about education careers. Students can make videos of the interviews to show to other classes or for future reference. * Have students obtain the district job application. Discuss education and experiences necessary to be a good candidate based on information requested on the application. * Survey students of various ages, teachers, parents, and administrators about characteristics teachers should possess. Compare the data and make graphs to compare information from various groups. * Have students job shadow an individual in administration and administrative support, professional support services or teaching and training.   **TEDx Talk:**  TED is a nonprofit organization devoted to spreading ideas, usually in the form of short, powerful talks (18 minutes or fewer).  TEDx is a program of local, self-organized events that bring people together to share a TED-like experience. At a TEDx event, TEDTalks videos and live speakers combine to spark deep discussion and connection in a small group. These local, self-organized events are branded TEDx, where x = independently organized TED event.  TED-Ed’s commitment to creating lessons worth sharing is an extension of TED’s mission of spreading great ideas. This allows users to take any useful educational video, not just TED’s, and easily create a customized lesson around the video.  The video below is related to the lesson. Allow students to view the video, and lead a discussion concerning the TED Talk.  Diana Laufenberg: How to learn? From mistakes  Diana Laufenberg shares three surprising things she has learned about teaching including a key insight about learning from mistakes.<https://www.ted.com/playlists/182/talks_from_inspiring_teachers> |
| **Family/**  **Community Connection** | Invite faculty or staff members from your campus, or members of the administration office, to speak to the students about their career and the pathway that led to that career choice. |
| **CTSO connection** | Family Career and Community Leaders of America (FCCLA) <http://texasfccla.org>  **STAR Events**   * Early Childhood – An individual event – recognizes participants who use Family and Consumer Sciences skills to plan and conduct a child development project that has a positive impact on children and the community. * Focus on Children – An individual or team event – recognizes participants who organize a community service project focused on a specific need related to children in the community. * Teach and Train – An individual event – recognizes participants for their exploration of the education and training fields through research and hands-on experience.   **SkillsUSA** <http://skillsusa.org>  **SkillsUSA Contests:**   * Early Childhood Education – An individual event – recognizes participants who demonstrate knowledge of developmentally appropriate practice and ability to prepare and implement learning activities for children three to five years old. Contestants will prepare a written lesson plan and take a written test assessing their knowledge of child development and effective teaching strategies.   Texas Association of Future Educators<http://tafeonline.org>  **TAFE Competition:**   * Educational Leadership Fundamentals – This competition is an individual event that recognizes participates who take a 30-minute timed exam about knowledge of the teaching profession. |
| **Service Learning Projects** | Successful service learning project ideas originate from student concerns and needs. Allow students to brainstorm about service projects pertaining to lesson. For additional information on service learning see: <https://gsn.nylc.org/>  Possible idea: Organize a Career Day at a local elementary school including representatives from the Education and Training Career Cluster. |

1. Visit the Texas College and Career Readiness Standards at <http://www.thecb.state.tx.us/collegereadiness/CRS.pdf>, Texas Higher Education Coordinating Board (THECB), 2009. [↑](#footnote-ref-1)