

Lesson title: AI Made Real

Grade(s): 7th

Subject Area(s): CTE

Utah standard(s) addressed with this lesson:

Strand 1: Assess & explore interest, aptitude, & training opportunities. & Career options.

Standard 2: Evaluate a resume with effective elements.

Standard 3: Explore Utah career clusters and complete a hands-on project in Arts, Audio Visual Technology & Communication, Business, Marketing, and Finance, Manufacturing, and Transportation Distribution & Logistics.

Strand 2: Practice & demonstrate academic content & workplace skills.

Standard 1: Reflect how developing workplace skills impact academic and career success.

Standard 2: Identify, develop, and demonstrate personal characteristics that promote responsibility, dependability, productivity, high-quality work, and self-initiative.

Standard 4: Critical thinking & problem-solving technique.

Standard 5: Identify and demonstrate effective collaboration and teamwork skills.

Strand 3: Explore CTSO's

Standard 3: Participate in a simulated CTSO category event. Skills USA: Arts and Communications - Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

Pin Design

Portrait of a graduate 6-8 Skills in Digital Literacy, Critical Thinking and Problem Solving, Creativity and Innovation, and Collaboration and Teamwork.

Learning objectives: SWBAT Use the business, manufacturing, and generative AI skills learned to create a company to manufacture and sell buttons.

Safety concerns to be aware of for this lesson: Data Privacy (FERPA) Make sure you check your LEA vendor list to utilize only approved sites and programs.

Key words and vocabulary:

Lesson budget and materials list:

Item	Cost	Website	Quantity	Total Item Cost
1.5" Button Maker Kit Includes 1 button press, 1 punch cutter	536.95	https://www.americanbuttonmachines.com/collections/popular-button-maker-	1	536.95

1000 button parts		sizes/products/1-5-button-maker-kit?_pos=6&_fid=1e858770d&_ss=c&variant=117247672344		
additional button parts will need to be purchased the following year. Set of 1,000	\$71.95	https://www.americanbuttonmachines.com/collections/round-button-supplies/products/1-5-pinback-button-set?_pos=1&_fid=18ec5ceb3&_ss=c&variant=19694930371	1	Following years \$71.95

Lesson instructions (including pre-lesson activities):

Materials Needed: Computers , Internet Connection, Photoshop Online, Instructions for each assignment.

Day Break Down: (23 day - 45 minute class period)

- BR#1 Human Resource Specialist
 - Resume Evaluation
 - Business: Job Application Homework
- BR #2 Human Resource Managers
 - Check Writing
 - Marketing: What is Marketing
- BR#3 Tellers
 - Learning Design Software (3 days)
- BR#4 Financial Managers, Branch, or Department
- BR#5 Marketing Managers
- BR#6 Computer-Controlled Machine Tool Operators
 - AI Product Design (5 days)
- BR#7 Mechanical Engineers
- BR#8 Graphic Designer
- BR#9 Accountants / Auditors
- BR#10 Jewelers, Precious Stone, Metal Workers
- BR#11 Business Career Cluster: CEO
 - Team Incorporation and Set up of shared drive
- BR#12 Market Research Analysts, Specialists
 - Company Name

Company Slogan

Company Logo: AI

BR#13 Molders, Shapers and Casters

Marketing Research (2 DAY)

BR#14 Labor Relations Specialists

BR#15 Industrial Engineer

Data Analysis & Conclusion

BR#16 Claims Adjusters, Examiners, Investigators

Order 1

Poster Advertisement

Customer Order Form

BR#17 Merchandise Displayers and Window Trimmers

Set up Sale location

(Teacher: Hand out fake money, I find it is best to spread it out over 3 days.)

BR#18 Finance Career Cluster: Tax Preparer

Start Record Keeping

Printing

BR#19 Aircraft Structure Assemblers

Machine Training

Manufacturing 5 days

Order 2

BR#20 Electrical Engineer

Order 3

BR#21 Logisticians

Order 4

BR#22 Remote Sensing Scientists and Technologists

Order 5

BR#23 Cargo and Freight Agents

Last day production

Exit Ticket

Sales Review Group

Beat the Teach

Assessment: Daily bell ringers, AI Tracking Sheet, Product Creation, note quizzes, and sales review.

Rubrics provided for assignments on Canvas.

Other resources (powerpoints, worksheets, websites, video links, etc.):

https://drive.google.com/drive/folders/13hXyJPuGsu-dkRUVeT6Lwr_wEyGN-Ov7?usp=sharing

<https://lor.instructure.com/resources/4558788822e24a2eaa3e975a489aecc2?shared>

Submitted by: Susan Jorgensen