

# MATER ACADEMY EAST & CTECS

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K-12 Tuition-Free State Public Charter School  
**MATER ACADEMY**  
*East Las Vegas*



# MATER ACADEMY EAST LAS VEGA

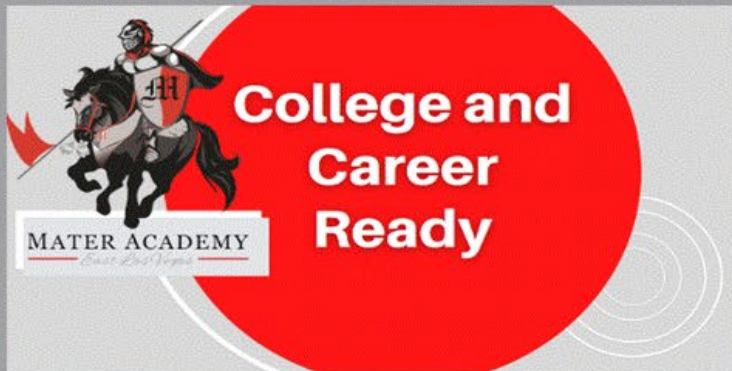
- Established in 2020
- Title I State Public Charter School Located on the East side of Las Vegas
- Currently a PreK – 12th Grade school
- Dual Enrollment programs through Western Nevada College and University of Nevada, Reno for general education course. MOU signed with CSN for dual enrollment courses offered alongside a CTE program of study.
- AP courses
- Currently nine CTE programs





# CTE PROGRAMS AT MATER EAST

## COLLEGE AND CAREER READY



## CTE PROGRAMS

Automotive Technology



Hospitality & Tourism



Community Health Science



Marketing



Culinary Arts



Mechanical Engineering



Cybersecurity



Teaching & Training



Forensic Science



Video Production



# CULINARY ARTS

CTE Program Description

Staff

Core Course Sequence

Course Descriptions

Related Documents

## Core Course Sequence:

Culinary Arts I

Culinary Arts II

Culinary Arts III\*

Culinary Arts Advanced Studies

\*3 CTE Assessments will be administered during the completion level CTE course.

CTE Assessments

- End of Program Technical Assessment for Culinary Arts
- Workplace Readiness Skills Assessment (for Employability Skills Standards)

## The program includes the following state standards:

- Nevada CTE Skill Standards: Hospitality and Tourism
- Employability Skills for Career Readiness
- Nevada Academic Content Standards (alignment shown in the Nevada CTE Skill Standards):
  - Science (based on the Next Generation Science Standards)
  - English Language Arts (based on the Common Core State Standards)
  - Mathematics (based on the Common Core State Standards)
  - Common Career Technical Core (alignment shown in the Nevada CTE Skill Standards)

# MATER EAST MIDDLE HIGH SCHOOL DEMOGRAPHICS

## Mater East Las Vegas High School Demographics

Ethnicity	Ethnicity Indicator	Total	Percent of School Population
Asian or Pacific Islander	A	1	0.2
Black	B	48	9.6
Caucasian	C	14	2.8
Hispanic/Latino	H	416	83.5
Native American	I	1	0.2
Multiracial	M	17	3.4
Native Hawaiian or Other Pacific Islander	P	2	0.4
Students With IEPs		23	4.6

\*All students in grade 6 participate in Career Explorations programs

\*Additional Career Explorations classes are offered for grades 7 - 8



# HOSPITALITY & TOURISM

CTE Program Description

Staff

Core Course Sequence

Course Descriptions

Related Documents

## Core Course Sequence:

1. Hospitality and Tourism I
2. Hospitality and Tourism II
3. Hospitality and Tourism III\*
4. Hospitality Management Advanced Studies

\*CTE Assessments will be administered during the completion level CTE course.

1. End of Program Technical Assessment for Hospitality and Tourism
2. Workplace Readiness Skills Assessment (for Employability Skills Standards)

## The program includes the following state standards:

- Nevada CTE Skill Standards: Hospitality and Tourism
- Employability Skills for Career Readiness
- Nevada Academic Content Standards (alignment shown in the Nevada CTE Skill Standards):
  - Science (based on the Next Generation Science Standards)
  - English Language Arts (based on the Common Core State Standards)
  - Mathematics (based on the Common Core State Standards)
  - Common Career Technical Core (alignment shown in the Nevada CTE Skill Standards)

# MATER EAST HIGH SCHOOL DEMOGRAPHICS 2023

## Mater East Las Vegas High School Demographics

Ethnicity	Ethnicity Indicator	Total	Percent of School Population
Asian or Pacific Islander	A	9	0.9
Black	B	88	9.4
Caucasian	C	39	4.1
Hispanic/Latino	H	763	87.1
Native American	I	4	0.4
Multiracial	M	25	2.7
Native Hawaiian or Other Pacific Islander	P	7	0.7
Students With IEPs		129	13.8

\* Currently 82% of our High School Students are participating in a CTE program

A man with dark curly hair and a beard, wearing a white lab coat, is seated in a red office chair, looking towards a computer monitor. In the background, another person in a white lab coat is partially visible. The setting is a modern medical office with large windows and multiple computer monitors displaying medical imaging. The text is overlaid on a dark grey semi-transparent box.

## CTE WORKPLACE READINESS SKILLS

■ Our goal in preparing student

Equipping them with practical life skills and ensuring they receive the necessary training to develop a common skill set.

This is essential to help them become prepared for the workplace in Nevada and navigate various real-world challenges within their chosen profession.



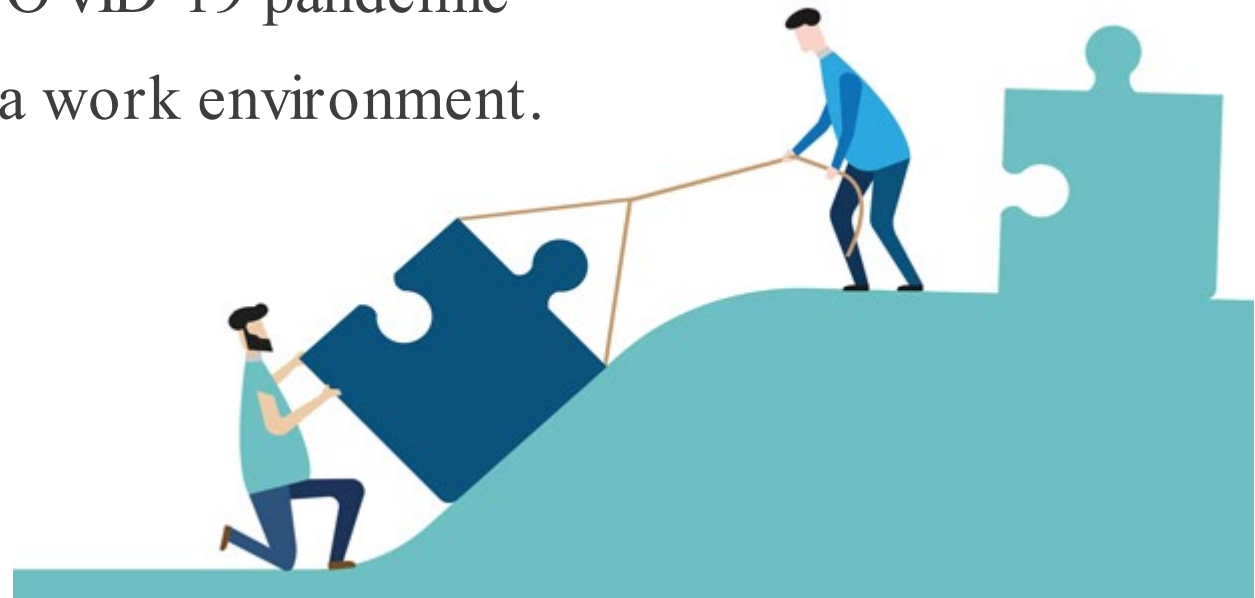
# WRS SKILLS

- PERSONAL QUALITIES AND ABILITIES
- CAREER AND LIFE MANAGEMENT
- CRITICAL THINKING AND PROBLEM SOLVING
- COMMUNICATION AND ORATORY SKILLS



# WRS CHALLENGES

- Sound judgment has become a rare commodity.
- Limited students have completed a CTE program
- Limited official test data
- Opening a school right in the heart of the COVID-19 pandemic
- Restricted experience in professionalism in a work environment.



# DATA DRIVEN SCHOOL

- WHAT THE RESULTS INDICATE ABOUT OUR STUDENTS
- THERE IS AMPLE ROOM FOR POTENTIAL GROWTH FROM OUR STUDENTS
- THERE EXISTS A SIGNIFICANT DISPARITY THAT MUST BE ADDRESSED IN TERMS OF WORKPLACE READINESS SKILLS

CTECS HAS BECOME A GENUINE ANSWER FOR THESE AREAS OF CONCERN




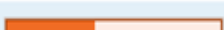
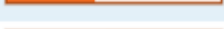











# PRETEST WRS DATASCHOOL WIDE

Assessment: CTECS Pretest Workplace Readiness Skills

Standard Sets: Posttest 21st Century Workplace Readiness Skills , Pretest 21st Century Workplace Readiness Skills , Retired 21st Century Workplace Readiness Skills , Reserves, Sample

Filters: School (Mater Academy East Las Vegas); All Standards; Accumulating results

Posttest 21st Century Workplace Readiness Skills Standards	Correct	Incorrect	Not Attempted	Total	% Correct	Show level: 3 (Standard) ▼
No correlations found						
Pretest 21st Century Workplace Readiness Skills Standards	Correct	Incorrect	Not Attempted	Total	% Correct	Show level: 3 (Standard) ▼
<b>Area : 21st Century Workplace Readiness Skills</b>	<b>17473</b>	<b>19216</b>	<b>4011</b>	<b>40700</b>		<b>42.93%</b>
<b>Duty 1: Personal Qualities and Abilities</b>	<b>3829</b>	<b>4283</b>	<b>842</b>	<b>8954</b>		<b>42.76%</b>
<b>Standard "1": 1. CREATIVITY AND INNOVATION:</b> Employs originality, inventiveness, and resourcefulness in the workplace	782	1056	197	2035		38.43%
<b>Standard "2": 2. CRITICAL THINKING AND PROBLEM SOLVING:</b> Uses sound reasoning to analyze problems, evaluate potential solutions, and implement effective courses of action	673	797	158	1628		41.34%
<b>Standard "3": 3. INITIATIVE AND SELF-DIRECTION:</b> Independently looks for ways to improve the workplace and accomplish tasks	754	731	143	1628		46.31%
<b>Standard "4": 4. INTEGRITY:</b> Complies with laws, procedures, and workplace policies; demonstrates honesty, fairness, and respect	926	916	193	2035		45.50%
<b>Standard "5": 5. WORK ETHIC:</b> Consistently works to the best of one's ability and is diligent, dependable, and accountable for one's actions	694	783	151	1628		42.63%
<b>Duty 2: Interpersonal Skills</b>	<b>4183</b>	<b>4259</b>	<b>919</b>	<b>9361</b>		<b>44.69%</b>
<b>Standard 6: 6. CONFLICT RESOLUTION:</b> Negotiates diplomatic solutions to interpersonal and workplace issues	744	731	153	1628		45.70%
<b>Standard 7: 7. LISTENING AND SPEAKING:</b> Listens attentively and asks questions to clarify meaning; articulates ideas clearly in a manner appropriate for the setting and audience	754	710	164	1628		46.31%
<b>Standard 8: 8. RESPECT FOR DIVERSITY:</b> Values individual differences and works collaboratively with people of diverse backgrounds, viewpoints, and experiences	933	917	185	2035		45.85%
<b>Standard 9: 9. CUSTOMER SERVICE ORIENTATION:</b> Anticipates and addresses the needs of customers and coworkers, providing thoughtful, courteous, and knowledgeable service	883	944	208	2035		43.39%
<b>Standard 10: 10. TEAMWORK:</b> Shares responsibility for collaborative work and respects the thoughts, opinions, and contributions of other team members	869	957	209	2035		42.70%
<b>Duty 3: Professional Competencies</b>	<b>9461</b>	<b>10674</b>	<b>2250</b>	<b>22385</b>		<b>42.26%</b>

New WRS (Virginia, Nevada, Idaho, Maine)

- **Quiz 1**  
Skills 1-5
- **Quiz 2**  
Skills 6-12
- **Quiz 3**  
Skills 13-17
- **Quiz 4**  
Skills 18-22

CCRA (California)

- **CCRA Quiz 1**  
Standards 1-6
- **CCRA Quiz 2**  
Standards 7-12

## Workplace Readiness Skills

### Personal Qualities and Abilities

1. Creativity and Innovation
2. Critical Thinking and Problem Solving
3. Initiative and Self-Direction
4. Integrity
5. Work Ethic

### *Area Capstone Activities by Career Cluster:*

- Agriculture, Food & Natural Resources Cluster
- Architecture & Construction Cluster

## California Standards for Career Ready Practice

For **Kern County Video Lesson Plans** published by the Superintendent of Schools website, [CLICK HERE](#).

For additional correlated modules, vocabulary, activities and other resources, use the following list:

### 1. Apply appropriate technical skills and academic knowledge

- Job-specific Tools and Technologies
- Reading and Writing
- Mathematics

### 2. Communicate clearly, effectively,



🕒 August 1, 2019   👤 Darren Morris   💬 0 Comments

1) An employee at an auto repair garage proposes a new, efficient way to safely dispose of used motor oil. This is an example of:

creativity and innovation.

teamwork.

work ethic.

critical thinking and problem solving.

2) Which is the best example of "demonstrating creativity and innovation"?

Evaluating potential solutions and resources



# Quizlet- Extension

## WORKPLACE READINESS SKILLS STUDY SET

 9 studlers today  4.5 (2 reviews)

### In-class activity

 Classic Live

 Checkpoint


### Self-study activity

 Flashcards

 Learn

 Test

 Match

 Q-Chat

 Get a hint

# Blooket Extension

**Blooket**

[Create](#)

[Discover](#)

[My Sets](#)

[Favorites](#)

[History](#)

[Homework](#)

[Play](#)

[Settings](#)

[Upgrade to Plus](#)

**WRS | Skills 1 - 5**

Review of Workplace Readiness Skills (1-5).

632 Plays • 12 Favorites

[Host](#)

[Solo](#) [Assign HW](#)

[Favorite](#) [Copy](#) [Report](#)

27 Questions [Show Answers](#) MsGabiTorres

**Question 1**  
An employee at an auto repair garage proposes a new, efficient way to safely dispose of used motor oil. This is an example of: 20 sec

**Question 2**  
Which is the best example of "demonstrating creativity and innovation"? 20 sec

**Question 3**  
You have researched the history of a product development and are about to propose providing an additional service to your customers that should create return business and customer loyalty. This proposal is an example of: 20 sec

**Question 4**  
Eli proposed a plan to expand his business while cutting costs. This

## New WRS (Virginia, Nevada, Idaho, Maine)

- **Quiz 1**  
Skills 1-5
- **Quiz 2**  
Skills 6-12
- **Quiz 3**  
Skills 13-17
- **Quiz 4**  
Skills 18-22

## CCRA (California)

- **CCRA Quiz 1**  
Standards 1-6
- **CCRA Quiz 2**  
Standards 7-12

## Workplace Readiness Skills

### Personal Qualities and Abilities

1. Creativity and Innovation
2. Critical Thinking and Problem Solving
3. Initiative and Self-Direction
4. Integrity
5. Work Ethic

### Area Capstone Activities by Career Cluster:

- Agriculture, Food & Natural Resources Cluster
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### 1. Apply appropriate technical skills and academic knowledge

- Job-specific Tools and Technologies
- Reading and Writing
- Mathematics

### 2. Communicate clearly, effectively,





# Skill #1: Creativity and Innovation

## Employs originality, inventiveness, and resourcefulness in the workplace

- Discussing the importance of creativity and innovation in the workplace
- Brainstorming and contributing ideas, strategies, and solutions
- Developing and/or improving products, services, or processes
- Identifying and allocating available resources

## Featured Resource

[I Am Not Creative Activity](#) | [Go Green Activity](#) | [Patent Activity](#) | [Watch Design Activity](#) [watch template] [example]

## Resources from our Partners

### CTE Resource Center

[Creativity Tools](#) This resource presents lateral and systematic approaches to finding creative solutions. | [Creativity and Creative-Thinking Lessons](#) This group of pages presents many lesson plans focused on encouraging creative thinking. | [Mind Your Own Business](#) This lesson plan helps students innovate and contextualize learning. | [Organizational Creativity: the Top 10 Enablers](#)

[This research project/survey resulted in a top-10 list to promote organizational creativity.](#) | [P21's Creativity and Innovation List](#) [Links to creativity and innovation](#)



# TEST WRS DATA- SCHOOL WIDE (57 Students)

Pretest Score (75+ Passing Score)	WRS Score (75+ Passing Score)	Percent Change
24	64	167%
56	89	59%
29	76	162%
57	83	46%
32	79	147%
54	83	54%
67	75	12%
N/A	64	N/A
14	73	421%
74	80	8%
47	80	70%
4	63	1475%

N/A	81	N/A
N/A	59	N/A
N/A	76	N/A
N/A	78	N/A
81	86	6%
33	62	88%
59	76	29%
60	83	38%
30	74	147%
73	84	15%
N/A	80	N/A
51	73	43%
49	66	35%

# TEST WRS DATA- SCHOOL WIDE (57 Students)

70	82	17%
62	87	40%
82	84	2%
36	63	75%
1	62	6100%
58	68	17%
N/A	46	N/A
29	68	134%
78	86	10%
30	74	147%
71	86	21%
36	46	28%
61	82	34%

38	55	45%
N/A	82	N/A
83	90	8%
75	95	27%
55	55	0%
45	88	96%
63	83	32%
36	51	42%
45	68	51%
24	82	242%
N/A	82	N/A
6	81	1250%
73	86	18%

44	33	-25%
52	68	31%
63	86	37%
35	76	117%
71	81	14%
61	79	30%



THANK YOU FOR YOUR TIME

## ■ Questions?

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- Gabriela Torres: [gabriela.torres@materlv.org](mailto:gabriela.torres@materlv.org)