



***Linking Career
Development Events to
Authentic Assessment
(TSA) and the
Classroom***

Fall Area Seminars – 2009



Changes Facing Missouri Agricultural Education Teachers?

- Increased accountability of agricultural education.
- Technical Skills Attainment.



How did we get here?

**Standards &
Quality
Indicators** for

Agriculture Program
Improvement –2001

**Understanding
Agriculture** – New
Directions for Education
Twenty Years & Counting

**National AFNR
Career Clusters**

MSIP – Missouri School
Improvement Program

10 x 15 Initiative –
Futuristic Planning –
Looking to 2040



**Carl D. Perkins Career and
Technical Education
Improvement Act of 2006**



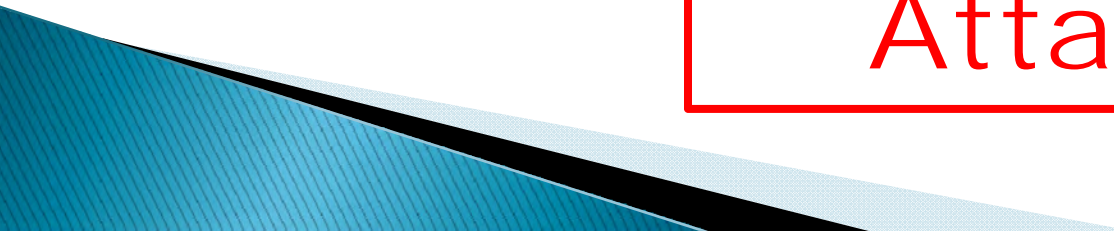
**Career
Clusters**



**School based
Agricultural
Education**



**Technical Skills
Attainment**





TSA's are Here!

Questions?

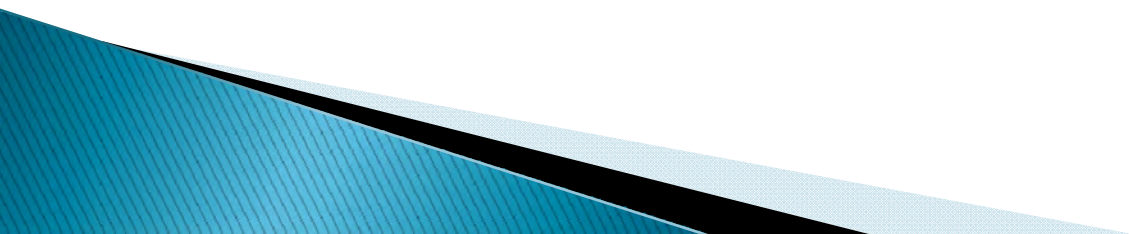
Questions?

Questions?

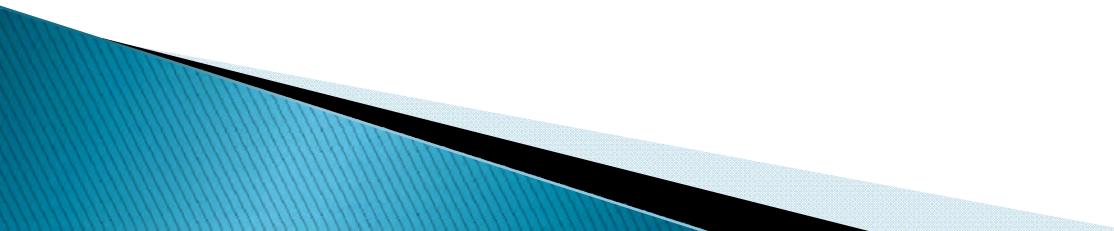
Questions?

Questions?

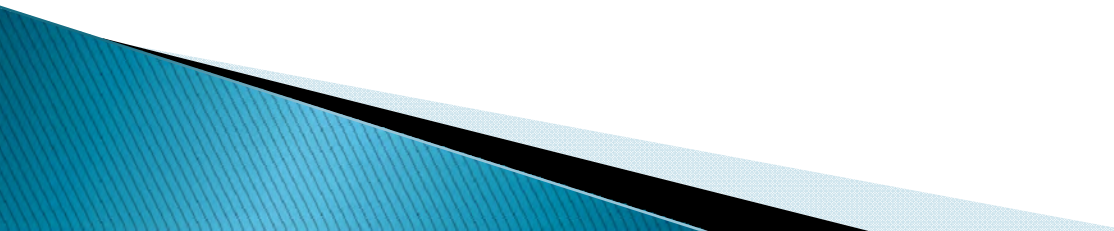
Questions?



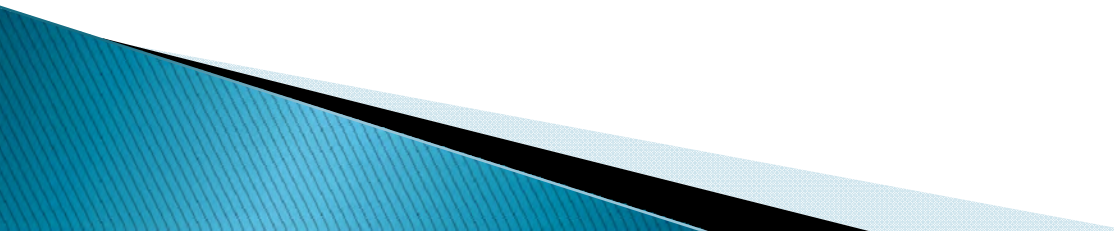
**Why is
Technical Skills
Attainment
important to my
Program?**



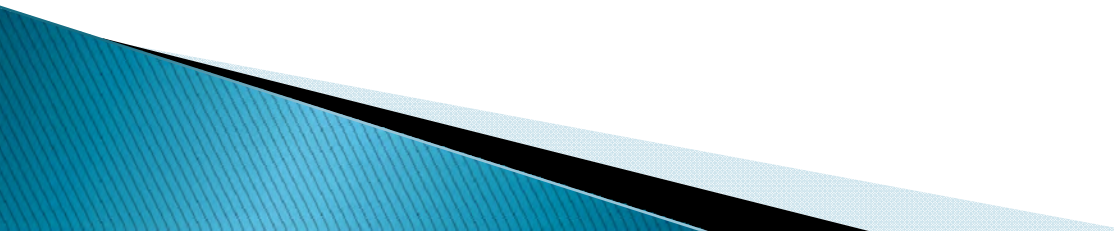
**How will TSA's
affect my
Program/students
in 2009?**



**What will I need to
do to make sure my
students are ready
for TSA's?**



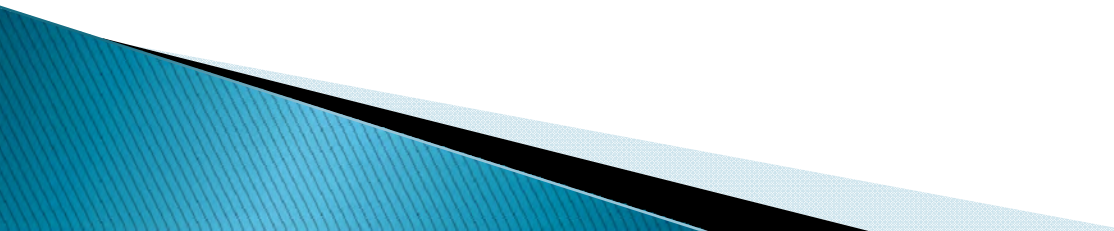
**Who
will be required
to take the
TSA's?**



**Where
will Technical Skills
Attainment testing
be offered?**



Other Concerns, Questions, Issues, & Discussion



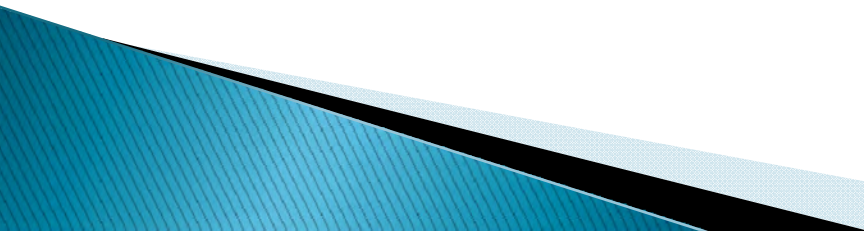


Why!

- ▶ Technical Skill Attainment is a Perkins IV Federal Requirement.
- ▶ Prove curriculum relevant to industry needs.
- ▶ Prove students are learning.
- ▶ Reinforces “WHAT WE DO”!




How?

- ▶ **Students determine Career Cluster/Pathway.**
 - ▶ **Find MOSIS Coordinator.**
 - ▶ **Cooperatively determine who to TEST.**
 - ▶ **Schedule with Principal.**
- 

What will I need to do?

*Link
Career Development
Events
to Existing Curriculum
to prepare
Students for TSA's.*





Panel Presentation Addressing CDE's & Curriculum

What changes or adjustments
in curriculum/instruction
will you make to ensure
student success?



Who are Concentrators?

- ✓ Earned 3 or more sequential credits in grades 9–12
- ✓ Sequential credits can consist of courses that crossover into different program areas.
- ✓ Local decision to determine the sequence and when a student becomes a concentrator.

Agriculture, Food & Natural Resources Career Cluster

Middle School Course

016700 Exploring Agriculture

High School Core Career Education Courses Taken in Sequential Order

016710 Agricultural Science I

016760 Agricultural Science II



01.0101

Agricultural Business And Management Systems

016730 Agricultural Management & Economics

016741 Agricultural Sales & Marketing

016742 Agricultural Communications

016780 Supervised Agricultural Experience Co-op



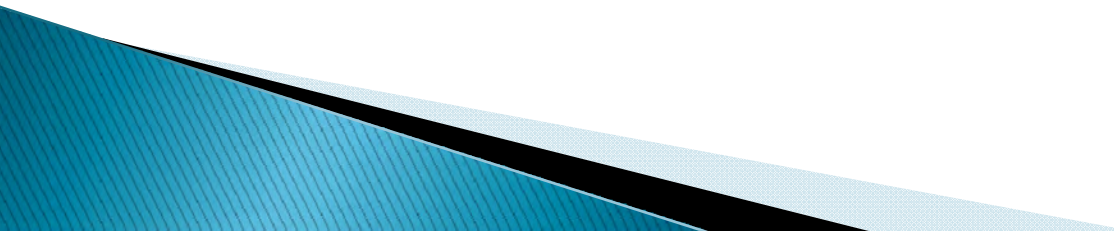
**Farm Management
Agricultural Sales**

**Technical Skill Assessments
(Career Development Events)**

Draft

Draft

WHERE?

- ▶ Practice CDE's around the State
 - ▶ Industry Offered:
 - Grasslands Evaluation
 - MU/MDA Livestock Judging & Grading Event
 - MVMA – Animal Care Training (ACT)
 - Other
- 



TSA Sites in District

[http://dese.mo.gov/
divcareered/perkins
_iv_tsa.htm#Ag](http://dese.mo.gov/divcareered/perkins_iv_tsa.htm#Ag)

Eventually All Concentrators will be expected to take a TSA.

2009–2010
School Year

50% of concentrators who complete a program
will take a technical skill assessment.

2010–2011
School Year

75% of concentrators who complete a program
will take a technical skill assessment.

2011–2012
School Year

100% of concentrators who complete a
program will take a technical skill assessment.

Pass or **Fail**?

65%





Example

Student Concentrator in Ag Mechanics

- **State CDE Points Possible – 400**
- **State CDE Group I Min. Score – 225**



Concentrator **Joe Mechanic**
participates in TSA
at the
Super Mechanics School
March 1, 2009

Joe Mechanic scores 150
points.

Did he pass or fail the TSA?



Did **Joe Mechanic** Pass or Fail?

- ❑ Joe scored 150 points on his TSA out of 400 points possible.
- ❑ State Min. Group I Score was 225 points. $225 \times 65\% = 146$ points
- ❑ Min. Score To Pass 146 points



TSA Minimum Requirements

CDE/TSA	State CDE Points	TSA Points Approved	Percentage
Ag Mechanics	400	300	75%
Agronomy	1000	820	82%
Dairy Cattle	450	300	66%
Livestock Evaluation	550	350	77%
Farm Management	350	350	100%



What is Passing?

Joe Mechanic
scored 115 points
in an Ag Mechanic's TSA
that only had
300 points possible.

Did he PASS?



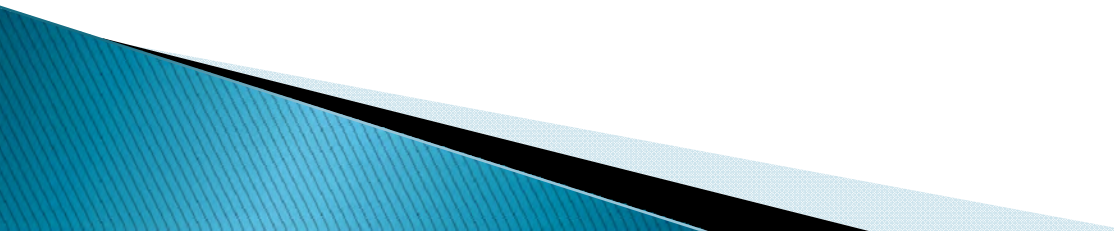
Did **Joe Mechanic** Pass or Fail?

- ❑ Joe scored 115 points on his TSA out of 300 points possible.
- ❑ State Min. Group I Score was 225 points.
 $225 \times 75\% = 168.75$ points
- ❑ Min. Score To Pass $168.75 \times 65\% =$
110 points

Perkins IV Performance Level

2008–2009 school year, of the 25% of students taking the assessment took 61.60% to pass.

Each year the performance level requirements are expected to increase.

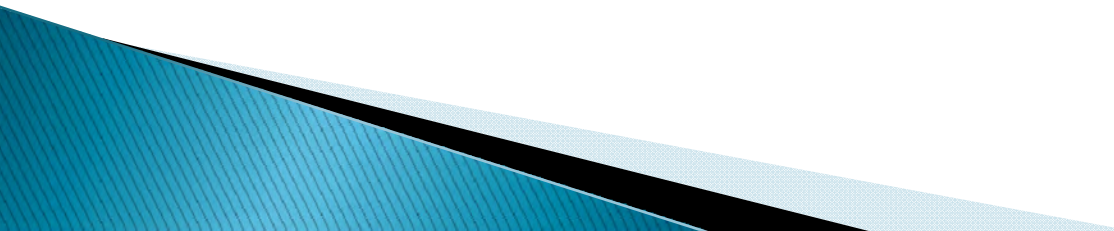


What will happen if an institution does not meet the required Performance Level?

- ▶ More guidance from DESE to improve.
- ▶ Required “Improvement Plan”



Questions



What now?

Plan of Action

1. Be pro-active in preparing students!
2. Lay the groundwork with the Counselor/Vo Tech Director, Principal and/or Supt.
3. Schedule TSA's in your calendar.
4. Use TSA success to Promote Program!



Program Evaluations

**District Supervisor
Announcements**

Distribute Directories

Area Business Meeting

