iCEV Instructional Practices

Knowledge and Skill Statement	Student Expectation	Breakout	iCEV Citation			
			Narrative/Activity	Type of Citation (New Content/New Citation)	Current Location	New Location
(1) The student demonstrates professional standards/employability skills as required by the education profession and other related occupations. The student is expected to:	(B) perform job-appropriate numerical and arithmetic application;	(i) perform job-appropriate numerical application	Activity	New Content	Teaching and Training Career Preparation	Activity - Applying Math in Education Scenarios (Page 2)
(1) The student demonstrates professional standards/employability skills as required by the education profession and other related occupations. The student is expected to:	(B) perform job-appropriate numerical and arithmetic application;	(ii) perform job-appropriate arithmetic application	Activity	New Content	Teaching and Training Career Preparation	Activity - Applying Math in Education Scenarios (Page 2)

Applying Math in Education Scenarios

Activity Overview:
You will perform job appropriate numerical and arithmetic applications for the following scenarios.

Directions:

1. Mrs. Adams is a high school teacher. She has 25 students in her class. She wants to make sure she has desks arranged in 6 pods of students. How many pods five will Mrs. Adams have in her classroom?
   24 / 6 = 4 students per pod
   25 - 1 = 1 student
   1 pod of students will have 5 students

2. Mr. Solace is a high school science teacher. He allowed students who turned in all assignments throughout the unit to earn an extra 15 points on their unit final assessment. William turned in all assignments throughout the unit and earned 70 points of 100 possible points on the unit final assessment. What is the number of points William will earn on his final assessment?
   70 + 15 = 85 points

3. Ms. Madden is a middle school principal. She will be taking 220 students on a field trip to the local art museum. She has 44 chaperones for the field trip. How many students will Ms. Hansley have in each group?
   220 / 44 = 5 students per group

4. Mr. Barlowe will be hosting professional development workshop for food science teachers on cheese making. He has 23 copies of the cheese making process ready for the meeting. He has learned 36 teachers have registered for his workshop. How many more copies of the cheese-making process will Mr. Barlowe need?
   36 - 23 = 13 copies of the cheese-making process

5. Mr. Bupp is a high school auto shop teacher. He has students take a shop safety. Students take a pre test over shop safety, if students score an 90 % or higher on the pretest students do not have to take the unit final assessment. Manuel answered 85 out of 100 questions on the pretest correctly. Will Manuel have to take the unit final assessment?
   85 / 100 = 85
   85 X 100% = 85%
   Manuel will have to take the shop safety unit final assessment.