Unit Map 2012-2013

Monroe #2 - Orleans BOCES (Regional Collaboration)

Collaboration / Math 8* / Grade 8 (Math Regional Curriculum)

Wednesday, October 31, 2012, 2:08PM

Standard/Module: Proficiency with Statistics & Probaibility: 8.SP.4 (Week 25, 6 Weeks)

Stage 1: Desired Results

Standards Focus

- Supporting (20%) 8.SP.1
  8.SP.2
  8.SP.3

Grade 8 Map

Standards

NYS: CCLS:Mathematics, NYS: 8th Grade , Statistics & Probability
8.SP Investigate patterns of association in bivariate data.

- 4. Understand that patterns of association can also be seen in bivariate categorical data by displaying frequencies and relative frequencies in a two-way table. Construct and interpret a two-way table summarizing data on two categorical variables collected from the same subjects. Use relative frequencies calculated for rows or columns to describe possible association between the two variables.

Enduring Understandings	Essential Questions
Construct and interpret a two-way frequency table of bivariate data.	How is a two-way table used when determining associations between two different categories?

Critical Content

Frequency table of bivariate data

Skills	Vocabulary
1. Construct a two-way frequency table of bivariate data. 2. Interpret and describe relative frequencies for possible associations from a two-way table.	Tier 2: associations, bivariate data, categorical, correlation, pattern Tier 3: frequency, relative frequency, two-way frequency table

Stage 2: Assessment Evidence

Assessments

Two-Way Frequency Table
Formative: Test: Written

Given a two-way frequency table, determine patterns of association.

Stage 3: Learning Plan	
Learning Activities	**Resources**
Construct a two-way frequency table of bivariate data. Interpret and describe relative frequencies for possible associations from a two-way table	www.illustrativemathematics.org www.illuminations.nctm.org
Differentiation Opportunities	
Video: http://learni.st/users/S33572/boards/3233-two-way-frequency-tables	

<< Previous Year

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