



ORGANIZING AND USING DATA TO ANSWER QUESTIONS INFORMATION FOR CEU'S

The Dynamic Learning Maps does not provide CEU's for the completion of modules. However, states and/or Local education agency (LEA) are encouraged to use the information provided below to help facilitate the application process required by your state or LEA.

MODULE OBJECTIVES

1. Participants will learn that graphs are tools for visually organizing and comparing data about two or more sets of items.
2. Participants will learn that in order for students to learn to think statistically, the "data" must always be related to a question or a series of questions.
3. Participants will understand that students will learn to interpret data from increasingly more complex displays.
4. Participants will recognize that object, picture and bar graphs are useful to display categorical data and line plots, circle charts, and tables tend are useful in displaying numerical data.

AUTHOR BIO'S

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AGENDA

		Content	Activity
Section 1	Introduction 4 minutes	Review of Learning Objectives and handouts.	
Section 2	Data Within Context 15 minutes (including activity)	Students need to understand data within a context and graphs are tools for visually organizing and comparing data sets.	Discuss the levels of sorting and classifying
Section 3	Organizing Data 15 minutes (including activity)	Understand that teachers will model the organizational strategies and provide explicit instruction on how the graphs is used.	Determine appropriate teaching strategies to support student understanding of the organization and use of data.
Section 4	Steps 3 minutes	Review of Van de Walle's steps for working with data.	
Section 5	Wrap-up 3-4 minutes	Closing information	Dismissal