

Bar Graph Formative Assessment Rubric Differentiation Plan

CCSSM Standards: 2.MD.10

	Expert	Proficient	Emergent	Novice
Graph Title and Labels	The graph has a meaningful title and meaningful labels that are well placed, communicate useful information, and contribute to the appearance of the graph.	The graph has both a meaningful title and meaningful labels.	The graph has a meaningful title or meaningful labels.	The graph is not titled or the title / labels do not have a connection to the data.
Instructional Activity/Strategy for Learners at this Level	Explore representations of the same data in different types of graphs and create arguments for why some representations are superior, inferior, or change the information being communicated.		Provide students with an untitled and unlabeled graph of different data. Have students write questions that they have about the graph.	
Presentation of Information	The graph presents information in a way that is neat and easy to understand.	The graph presents information in a way that could be neater or easier to understand.	The presentation of information could be neater or easier to understand.	The presentation of information is not understood.
Instructional Activity/Strategy for Learners at this Level	Combine these students with the above task group.	Have students swap graphs with each other and write down questions that they might have if they had never seen the graph before.		
Scale and Axis Labels	The scale and axes are clearly and accurately labeled in a way that enhances our understanding of the data.	The scale and each axis is clearly and accurately labeled.	Our understanding of the scale or axis would benefit from more clarity and / or accuracy.	The scale or axis label might be missing, confusing, or misleading.
Instructional Activity/Strategy for Learners at this Level	Have students alter the scale in different ways and explain how an altered scale could be used to intentionally change the message communicated by the graph.		Combine these students with the Title & Labels task group above.	
Representation of Data	Data is represented clearly and correctly in the bar graph in a way that enhances our understanding of the data.	Data is represented correctly in the bar graph.	Data accuracy or representation might lead someone to draw incorrect conclusions about the data.	Data is not accurate or not presented in the form of a bar graph.
Instructional Activity/Strategy for Learners at this Level	Have students swap graphs with each other and pretend that they had never seen the graph or data before writing a paragraph about the story that the graph tells and questions that they might have.			