

Content and Language Objectives 1.1:

Students will decide when it is appropriate to use a bar graph or a dot plot to represent and describe data and be able to justify their choice of representation after:

- a.) exploring the different types of representations and how they display data
- b.) gaining an understanding of the terms maximum, minimum and range

DO NOW

Explain in your own words how to find the minimum of a data set, the maximum of a data set and the range of a data set.

Please use complete sentences to explain your thinking and make sure to use mathematical terms in your explanation.

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Let's find data on the different types of eye color in the class:

What is the appropriate way to display this data?

Blue:

Brown:

Green:

Hazel:

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Let's find data on the different shoe sizes in the class:

Shoe Size	Number of People
5	
6	
7	
8	
9	
10	
11	
12	
13	

What is the appropriate way to display this data?

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EXIT TICKET

Explain in your own words when is the best time to use a bar graph and when is the best time to use a dot plot and justify your reasoning.

