Rotation 6: Categorical Data

Content Area: **Mathematics**
Course(s):
Time Period: **Default**
Length: **Rotation 6**
Status: **Published**

Summary

- Use two-way tables and bar graphs to identify associations in categorical data

Standards

MA.8.SP.A.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.

Materials

***Desmos Grade 8 Unit** 6*

Lesson 9: Tasty Fruit

- I can identify and represent the same data in bar graphs and in two-way frequency tables.

Lesson 10: Finding Associations

- I can use relative frequencies in tables and in segmented bar graphs to decide if there is an association between two variables.

Lesson 11: Federal Budgets

- I can make relative frequency tables and segmented bar graphs from frequency tables.
- I can use a representation of data to decide if there is an association between two variables.

Assessment

- Observation
- Cool Downs
- Quizzes