

# NJCCCS - New Jersey Core Curriculum Content Standards

{MA.8.4.1.8 A.1.b} Percents

{MA.8.4.1.8 A.5} Use whole numbers, fractions, decimals, and percents to represent equivalent forms of the same number.

{MA.8.4.4.8 A.1.a} Type of display most appropriate for given data

{MA.8.4.4.8 A.1.d} Calculators and computer used to record and process information

{MA.8.4.4.8 A.2} Make inferences and formulate and evaluate arguments based on displays and analysis of data sets.

## Route 21 Standards:

### Learning and Innovation Skills

#### Critical Thinking & Problem Solving

##### *Reason Effectively*

- Use various types of reasoning (inductive, deductive, etc.) as appropriate to the situation

##### *Use Systems Thinking*

- Analyze how parts of a whole interact with each other to produce overall outcomes in complex systems

##### *Make Judgments and Decisions*

- Reflect critically on learning experiences and processes

##### *Solve Problems*

- Solve different kinds of non-familiar problems in both conventional and innovative ways
- Identify and ask significant questions that clarify various points of view and lead to better solutions

### Information, Media and Technology Skills

#### Information Literacy

##### *Use and Manage Information*

- Use information accurately and creatively for the issue or problem at hand

# **NETS-S Standards:**

## **4. Critical Thinking, Problem Solving, and Decision Making**

Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.

c. Collect and analyze data to identify solutions and/or make informed decisions

## **6. Technology Operations and Concepts**

Students demonstrate a sound understanding of technology concepts, systems, and operations.

a. Understand and use technology systems