

Illinois DesCartes Framework

Below is the framework upon which your version of DesCartes is based. In order to present the information in a manner that best supports instruction, in some instances it was necessary to modify the organization and grouping of content. This framework outlines the subject-area information found within DesCartes.

Mathematics 6+

1. Number Sense

- a. Read, Write, and Represent Numbers
- b. Order and Compare Numbers and Number Line
- c. Classifications of Numbers
- d. Number Operations - Addition, Subtraction
- e. Number Operations - Multiplication, Division
- f. Properties
- g. Estimation
- h. Ratios, Proportions, and Percents

2. Measurement

- a. Elapsed Time, Measurement Tools, and Estimation
- b. Area, Perimeter, and Circumference
- c. Volume and Surface Area
- d. Conversions, Indirect Measurements, Scale Drawings

3. Algebra

- a. Patterns
- b. Write, Simplify, Evaluate Algebraic Expressions
- c. Change, Graphs, Representations, and Inequalities
- d. Write and Solve Equations and Inequalities

4. Geometry

- a. Single Figures, Circles, Lines, and Angles
- b. Coordinate Geometry, Symmetry and Transformations
- c. Relationships, Justifications, and Trigonometry

5. Data Analysis, Statistics, and Probability

- a. Data Analysis and Statistics
- b. Probability