

Statistics Overview

Mathematical Practices

1. Make sense of problems and persevere in solving them. 2. Reason abstractly and quantitatively. 3. Construct viable arguments and critique the reasoning of others. 4. Model with mathematics. 5. Use appropriate tools strategically. 6. Attend to precision. 7. Look for and make use of structure. 8. Look for and express regularity in repeated reasoning

[Detailed APH Document Math Common Core HS Probability & Statistics](#)

Common Core (Basics)	Brl/Tactile Resources/Tools	Braille (UEB/Nemeth)	LV/Print Resources/Tools
Interpreting Categorical and Quantitative Data ☐ Summarize, represent, and interpret data on a single count or measurement variable - Summarize, represent, and interpret data on two categorical and quantitative variables ☐ Interpret linear models			
Making Inferences and Justifying Conclusions ☐ Understand and evaluate random processes underlying statistical experiments ☐ Make inferences and justify conclusions from sample surveys, experiments and observational studies			

Common Core (Basics)	Brl/Tactile Resources/Tools	Braille (UEB/Nemeth)	LV/Print Resources/Tools
Conditional Probability and the Rules of Probability ☐ Understand independence and conditional probability and use them to interpret data ☐ Use the rules of probability to compute probabilities of compound events in a uniform probability model			
Using Probability to Make Decisions ☐ Calculate expected values and use them to solve problems Use probability to evaluate outcomes of decisions			