

## Appendix “Implementing Common Core Standards”

North Carolina has adopted the Common Core Standards for Mathematics<sup>i</sup> The Probability and Statistics Domain of these standards consist of four clusters:

- Interpreting Categorical and Quantitative Data (S-ID)  
The ability to interpret data in a statistical manner is a fundamental 21st century skill. All three of this unit's classroom activities utilize this skill and provide rigorous applications of this skill
- Making Inferences and Justifying Conclusions (S-IC)  
The ability to make inferences and justifying conclusions in a sound statistical manner is a fundamental 21st century skill. The activities that include Case Studies on drug use testing and 4th down decisions are current, state-of-the-art applications of these techniques
- Conditional Probability and the Rules of Probability (S-CP)
- Using Probability to Make Decisions (S-MD)  
Understanding probabilistic analysis (S-CP) and using the resulting data to make decisions (S-MD) are fundamental 21st century skills. The activities that include Case Studies on drug use testing and 4th down decisions are current, state-of-the-art applications of these techniques

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<sup>i</sup> [http://www.corestandards.org/assets/CCSSI\\_Math%20Standards.pdf](http://www.corestandards.org/assets/CCSSI_Math%20Standards.pdf)