Everything I Ever Needed to Know About Statistics I Learned From a Bag of m\&m's ${ }^{\circledR}$

NCTM Annual Conference Denver, CO April 18,2013

Jason Molesky Lakeville Area Public Schools Central York High School Lakeville, MN

Doug Tyson York, PA

## Learning Targets

Session Goal: Explore classroom activities and questioning techniques that can be used to develop conceptual understanding for the Common Core State Standards in Statistics.
\& I can describe the CCSS and AP expectations for statistics.
\& I can utilize activities to explore and illustrate statistical concepts.
\% I can incorporate questioning techniques into my hands-on activities.

## CCSS - Statistics

Interpret Categorical and Quantitative Data

Conditional Probability and
the Rules of Probability
Use Probability to Make Decisions

Make Inferences and Justify Conclusions

Four Basic Statistics Areas Producing Data
Understanding Variability

Inferential Thinking





