

Quarter 4. Unit 9: Probability

Background: Building on probability concepts that began in the middle grades, student use the languages of set theory to expand their ability to compute and interpret theoretical and experimental probabilities for compound events, attending to mutually exclusive events, independent events, and conditional probability. Students should make use of geometric probability models wherever possible. They use probability to make informed decisions.

Essential Questions/ Learning Objective:

How can I use **probability** to evaluate data and make informed decisions for the real world?

ASSIGNMENTS BY WEEK	Learning Targets & Success Criteria	Links to work/videos
5/18-5/22	<p>Target Normal distribution. We are learning to use the mean and standard deviation of a data set to fit it to a normal distribution so that we can estimate population percentages.</p> <p>Success Criteria: I can</p> <ul style="list-style-type: none"> <input type="checkbox"/> compare the difference between mean and standard deviation <input type="checkbox"/> calculate probabilities using normal distributions 	<p>Notes – blank</p> <p>Notes – key</p> <p>Notes – video</p> <p>Assignment</p> <p>Work out all problems in binder paper/notebook and show all your work.</p> <p>Your teacher will have bonus or additional resources on their websites.</p> <p>If you don't have Internet Access, CLICK here and PRINT this one packet.</p>