

Common Core Standards - Resource Page

The resources below have been created to assist teachers' understanding and to aid instruction of this standard.

Domain	Standard: S.CP.6 - Find the conditional probability of A given B as the fraction of B's outcomes that also belong to A, and interpret the answer in terms of the model. *(Modeling Standard)
<p><u>Conditional Probability and the Rules of Probability</u> Use the rules of probability to compute probabilities of compound events in a uniform probability model</p>	<p><u>Questions to Focus Learning</u> What does it mean to have a conditional probability? How is conditional probability calculated? The probability of an event occurring may depend on the occurrence of another event.</p> <p><u>Student Friendly Objectives</u> <i>Reasoning Targets</i></p> <p>I can find the conditional probability between intersecting sets A and B (e.g., use a Venn Diagram or two-way table to find the conditional probability). I can interpret the conditional probability between sets A and B with intersecting sets.</p> <p><i>Product Targets</i></p> <p>I can draw Venn Diagrams showing the relationship between sets A and B showing mutually exclusive, intersecting, and one a subset of the other.</p> <p><u>Vocabulary</u></p> <p>conditional probability intersecting sets mutually exclusive subset two way table Venn Diagram</p> <p><u>Teacher Tips</u> This standard is strongly connected to S.CP.3 and S.CP.4.</p> <p><u>Vertical Progression</u></p>

The above information and more can be accessed for free on the [Wiki-Teacher](#) website.
Direct link for this standard: [S.CP.6](#)