Week 3: Additional Support/Reteaching:

**Unit 6 Week 3 ProbabilityVocabulary**

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| Compound Event | Any event which consists of more than one outcome (Ex: How many different combinations can you make with outfits in your closet) |
| Event | Any possible outcome(s) of an experiment in probability |
| Probability | The likelihood of something happening (Impossible, unlikely, possible, likely, certain)  Listed as a number between 0 and 1 |
| Theoretical Probability | The mathematical calculation that an event  **should happen** in theory |
| Experimental Probability | The mathematical calculation of an event that **did** **happen** |
| Sample Space | All possible outcomes of an experiment represented by a tree diagram |
| Tree Diagram | A tree-shaped diagram that illustrates the possible outcomes of a given event |
| Counting Principle | To find the total number of outcomes, you can multiply the number of choices in each category |

In this lesson you will learn how to **find the probability of compound events by creating a tree diagram.**

<https://learnzillion.com/lesson_plans/6666-find-the-probability-of-a-compound-event-by-creating-a-tree-diagram/description>

You will enjoy this video☺

**How Can I Count Outcomes with a Tree Diagram** | 7th Grade Common Core Math

<https://www.youtube.com/watch?v=1Ch0wb4MAS8>

[The **Basic Counting Principle** - Math is Fun](https://www.mathsisfun.com/data/basic-counting-principle.html)

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