Learning Targets: Unit 6 Probability
7th Grade

	Unit 6 Probability	🤔	🙂	😃
1.	I recognize that the probability of an event is a number between 0 and 1 that expresses the likelihood of the event happening.			
2.	I recognize that the closer a probability is to 1, the more likely it is to occur and the closer it is to 0, the less likely it is to occur, and a probability of ½ is neither likely nor unlikely.			
3	I can approximate the probability of an event happening and use that information to make predictions. *Example: When rolling a number cube 600 times, predict that a 3 or 6 would be rolled roughly 200 times.*			
4.	I can gather data on an event and use its relative frequency to make predictions about its probability.			
5.	I can recognize if an event represents **experimental** or **theoretical** probability.			
6.	I can evaluate the **theoretical** probability of a given situation.			
7.	I can evaluate the **experimental** probability of a given situation.			
8.	I can create a probability model to represent a given situation and use it to calculate a probability.			
9.	I can compare experimental probability and theoretical probability and when there is a discrepancy identify possible reasons.			
10.	I can draw a **tree diagram** to determine the total number of outcomes in a given a situation.			
11.	I can apply the **basic counting principle** to find the total number of outcomes in a given situation.			
12.	I can use an organized list to find the probability of a compound event.			
13.	I can use a simulation to find the probability of a compound event.			
14.	I recognize that the probability of a compound event is a fraction where the numerator represents the actual outcomes and the denominator represents the total sample space.			
15.	I can distinguish the difference between an **independent** and a **dependent** situation involving probability.			

16	I can identify the probability of an **independent** situation.			
17.	I can identify the probability of a **dependent** situation.			
18.	I can use lists, table and tree diagrams to illustrate a sample space.			
19.	I can identify all the possible combinations for a given situation. (rolling double sixes)			