

# Probability Vocabulary

1. **Probability**- The measure of how likely an event will occur.
2. **Experiment**- any activity involving chance.
3. **Outcome**- the result of an experiment.
4. **Event**- a set of one or more outcomes.
5. **Experimental Probability**- the number of times an event **OCCURS** to the total number of trials.  $\frac{\# \text{ occurred}}{\text{total \#}}$
6. **Theoretical probability**- the number of ways that the event **CAN** occur, divided by the total number of outcomes.  $\frac{\text{ways CAN occur}}{\text{total \#}}$
7. **Trial**- the times that an experiment is carried out.
8. **Sample space**- collection of results.

