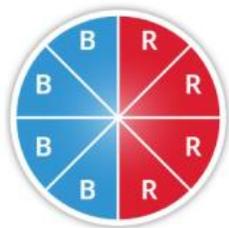# Activity 10 Assessment
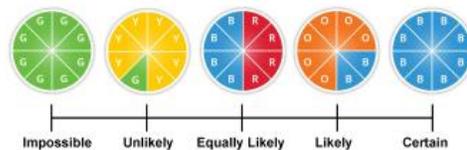## Conducting Experiments to Check Predictions

Describing and Predicting Likelihood of Outcomes

Describes the likelihood of an outcome using language of probability (e.g., impossible, likely, equally likely).	Makes comparisons to order the likelihoods of outcomes (on a probability line).	Identifies the likelihood of an outcome for an experiment using words, fractions, or decimals.
"Landing on red and landing on blue are equally likely."		"The likelihood of landing on blue is 2 out of 8, or $\frac{2}{8}$, or 0.25."

Observations/Documentation

Activity 10 Assessment
Conducting Experiments to Check Predictions

Describing and Predicting Likelihood of Outcomes (cont'd)
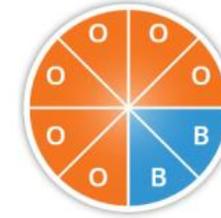
Makes predictions based on likelihoods.	Conducts experiments to check predictions about likelihood of outcomes.	Conducts experiments and realizes that as more trials are conducted, the closer the results will likely be to the predictions.
"The likelihood of landing on blue is 2 out of 8, so in 40 trials, I think it will land on blue 10 times."	"I performed the experiment and the pointer landed on orange 23 times and on blue 17 times. That's not what I predicted. I thought I would get orange 30 times."	"I performed the experiment 100 times and the results were much closer to my predictions."

Observations/Documentation