





Name \_\_\_\_\_

# Choice Board Activity

## Probability Unit

**Directions:** Choose three connecting squares and complete the directions inside each square. Circle, highlight, or X each square that you complete. Additional paper may be used if space isn't sufficient to complete your work.

<p>Explain in a paragraph, using complete sentences, what <b>independent</b> and <b>dependent events</b> are, and the difference between each.</p>	<p>Describe how probability can be used in another subject (Social Studies, Science, Reading, Etc.). Share your ideas with the class.</p>	<p>Find a use of probability in a newspaper or magazine. Describe why the article is using probability.</p> 
<p>Create two word problems using probability, and have a classmate solve them. After they have solved your problems, check their work to see if they found the correct answer.</p> 	<p>Go to <a href="http://www.coolmath-games.com/hilo/index.html">http://www.coolmath-games.com/hilo/index.html</a> and test your knowledge of probability with the HiLo game. Did your knowledge of probability help you with this website? Explain.</p>	<p>Complete a tree diagram showing the possible outcomes for pulling three colored marbles in a row at random from a jar.</p> <p>How many different possibilities are there for pulling all the marbles out of jar?</p>
<p>Find out if flipping a coin is truly 50:50. Chart the results of your coin flips and present your findings to the class.</p> 	<p>Play a couple of games of <b>Rock, Paper, Scissors</b> with a classmate. Record the results. Find out the probability of wins and what was most used to win.</p> 	<p>Find three examples of probability in your home and share them with the class.</p> 