

STANDARDS

PROBABILITY UNIT

CONTENT STANDARDS:

- ❑ Students will be able to compute simple probabilities.
- ❑ Students will be able to use ideas of probability to make good decisions.
- ❑ Students will be able to determine if and when a game is fair.
- ❑ Students will be able to communicate mathematical ideas.

PROCESS STANDARDS:

- ❑ Students will be able to use a model to solve problems.
- ❑ Students will be able to communicate ideas in written and oral form.

DATA AND STATISTICS UNIT

CONTENT STANDARDS:

- ❑ Students will be able to design and use appropriate tools to collect data.
- ❑ Students will be able to produce and interpret appropriate graphical representations of data.
- ❑ Students will be able to develop inferences, predictions, and arguments that are based on data.
- ❑ Students will be able to identify potential biases in data and statistics.
- ❑ Students will be able to communicate results of data analysis

PROCESS STANDARDS:

- ❑ Students will be able to communicate in oral and written form.
- ❑ Students will be able to reach a consensus in a group.
- ❑ Students will be able to contribute to a group.

SIMILARITY UNIT

CONTENT STANDARDS:

- ❑ Students will be able to explain when two or more figures are similar.
- ❑ Students will be able to set up and use proportions to solve problems involving similarity.
- ❑ Students will be able to communicate mathematical ideas.

PROCESS STANDARDS:

- ❑ Students will be able to use a model to solve problems.
- ❑ Students will be able to communicate in written and oral form.