



Family Letter for Unit 3

Dear Family,

During the next few weeks, our math class will be learning about data and probability.

You can expect to see work that provides practice with line plots, bar graphs, and pictographs. Students will also find the probability of an event, and make predictions.

As we learn about probability, you may wish to use the following as a guide.

Vocabulary

line plot A diagram that organizes data using a number line.

range The difference between the greatest number and the least number in a set of data.

mode The number or numbers that occur most often in a set of data.

probability The chance of an event occurring.

outcome A result in a probability experiment.

A Probability Experiment

There are 18 red marbles, 6 blue marbles, and 1 green marble in a bag. Pick a marble out of the bag without looking. Record the color and place the marble back into the bag.

What can we say about this experiment?

- It is **likely** that you will pick a red marble. It is **unlikely**, but possible that you will pick a green marble. It is **impossible** that you will pick a yellow marble.
- If this experiment is repeated 100 times, you may expect red marbles to be picked most often, and green marbles to be picked least often.

Understanding data and probability will help students evaluate the information they encounter in the real world.

Sincerely,

Your Child's Teacher



Technology

Check out *Education Place* at eduplace.com/kids/mw/ for e•Glossary, e•Word Games, test prep practice, and more.