

Dear Family,

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

You can expect to see work that provides practice with modeling fractions of regions and fractions of groups, finding equivalent fractions and comparing fractions, as well as predicting outcomes of probability experiments.

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

Vocabulary

fraction A number that names a part of region or a part of a group.

equivalent fractions Fractions that name the same part of a whole or collection.

Probability The chance of an event occurring.

more likely Has a greater chance of happening.

less likely Has less of a chance of happening.

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 probability will help students evaluate the information they encounter in the real world

Sincerely,

Your Child's Teacher



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