

Resources

Berries of Interior Alaska Work Sheet 1.



Preservation Experiments:

NOTE: For these experiments you will need at least three different kinds of berries, several cups of each, and at least 6 cups of blueberries. See each experiment for individual amounts.

- 1) Set out identical containers of three kinds of berries (at least a cup of each) to see which keeps best at room temperature.
 - Have students predict results.
 - Check after five days. Record results.
 - Speculate on why. How accurate were predictions?

- 2) Select one type of berry.
 - Divide into three portions – at least 1 cup in each portion.
 - Leave one raw, mix one with sugar, and boil one with a little water for five minutes.
 - Predict which one will keep the best at room temperature.
 - Check after five days.
 - Tabulate results (graph or chart.)
 - Speculate on results. How accurate were predictions?

- 3) Use quart glass jars to store blueberries.
 - First jar: three cups berries – no sugar
 - Second jar: three cups berries, layered with $\frac{1}{2}$ cup sugar
 - Third jar: three cups berries, layered with 1 cup sugar
 - Store in a cool place for about a month.
 - Check and tabulate results (graph or chart).