



Math



Strawberry Patch

(NCSCOS Competency Goal 1- Number Sense)

Fill-in Numbers on the strawberry 100 Number Chart.

Extend: Odd Even Patch (color odd numbers red, even numbers yellow)

Number Recognition: Write numbers on strawberries made of cardstock. Students draw that number of seeds. Pair two or more students together to add or subtract. This same concept of using strawberry seeds can also be used to multiply or divide (share equally in lower grades).

Calendar: Discuss calendar questions using your planned trip or pretend trips. For example, if today is Monday, March 3 and your class trip is on Friday, what will be the date of your trip? or Your trip is on the third Thursday in March, what is the date of the trip? or Your class trip is on March 11, what will be the day of the week?

Ordinal Position: Place various shapes or fruits (including a strawberry) in a row. Ask students to name the ordinal position of the strawberry. You could also have students draw a strawberry patch. Give directions that include ordinal position words. For instance, draw 5 rows of vine. There are 10 strawberries on the second row, 13 on the first, 21 on the last etc. Draw yourself standing beside the fourth row.

Berry Balanced

(NCSCOS Competency Goal 2- Measurement)

Have students estimate a strawberry's weight and use a scale to confirm. Ask students to name objects that would weigh the same as a strawberry. Use a balance to confirm.

Using a balance, have students determine how many strawberries weight the same amount as various items. For example, place a pair of scissors in one side of the balance. Add strawberries to the other side until both sides are equal.

Use a map of the strawberry patch to calculate distance. Give this activity various levels of difficulty to accommodate students' abilities.

Strawberry Shapes

(NCSOS Competency Goal 3- Geometry)

Look at the various shapes of strawberries. Discuss and compare the shapes.

Discuss opened and closed figures by using "vines" to make the shapes.

Use pattern blocks to recreate a map of the Vollmer Farm.

Strawberry Statistics

(NCSOS Competency Goal 4- Probability)

Graph students' favorite type of strawberry food (pie, shortcake, ice cream, cheesecake etc.) Answer graphing questions.

Estimate # of strawberries in a bucket. Count to confirm.

Place various colors of fruits cut-outs (strawberries, grapes, apples) in a bag. Have students use words such as "Certain, Impossible, More likely or Less likely" to describe the probability of choosing each color:

For Example:

Place 5 strawberries, 2 grapes in bag

"It is more likely to choose a strawberry."

"It is less likely to choose a grape."

"It is impossible to choose an apple."

*Take out the grapes... "It is certain that I will choose strawberry."

Use a bucket of strawberries or cut-outs to discuss "equal shares." For instance, if Mary has 21 strawberries to give to Margaret, Anna, and Joy, how many berries will each girl receive. *Difficulty of the concept of division may be adjusted accordingly.



Strawberry Patch Patterns

(NCSCOS Competency Goal 5-Patterning)

Use the attached strawberry patch coloring sheet to designate various patterns: (For example color the strawberries and flowers to show an ABB pattern etc.)

Use strawberries to make a pattern on a table-top up, top down etc...

Venn Diagram: Use a Venn diagram to compare and contrast a strawberry and other fruits.