

## **Berry Ink**

*Adapted from Berry Ink in American Girls Pastimes: Felicity's Craft Book*

**Time:** 45-60 minutes

### **South Carolina Education Standards:**

- Social Studies Standards: 3.4 -1, 3.4-6
- English Language Arts:
  - Grade 1:
    - Writing: 6.1
    - Communication: 3.1, 3.2
  - Grade 2:
    - Writing: 6.1
    - Communication: 3.1, 3.2
  - Grade 3:
    - Writing: 6.1
    - Communication: 3.2
  - Grade 4:
    - Writing: 6.1
    - Communication: 3.2
  - Grade 5:
    - Writing: 6.1
    - Communication: 3.2
  - Grade 6:
    - Writing: 6.1
    - Communication: 3.2
  - Grade 7:
    - Writing: 6.1
  - Grade 8:
    - Writing: 6.1
- Science:
  - 5.P.2B.1, 5.P.2B.4, 5.P.2B.5

### **Materials needed:**

- Measuring cup
- Small bowl
- Spoon
- 1c. Ripe berries (blackberries or raspberries work best) \*increase this amount for double and triple batches for classrooms
- Small strainer (no larger than the jar mouth)
- Small Mason jar with lid
- 1 teaspoon vinegar (per 1c ripe berries)
- 1 teaspoon salt (per 1c ripe berries)
- Dixie or small paper cup
- Writing paper (thicker paper like cardstock works best)

**Introduction:**

People wrote lots of letters during the 1800s, but those letters would sometimes take very long time to arrive at their destinations. If the letters were intended for someone overseas, in perhaps a place like England or France, they might take months to arrive! Letters were also very time-consuming to create. People would need quills, ink, wax, signets, and paper. They would usually make these items, unlike today when we can purchase everything we need to write a letter in one store. This activity allows students to make their own berry ink to use with homemade or store bought quill or calligraphy pens.

**Activity Steps:**

1. Rinse berries under water.
2. Have students divide into groups of two.
3. Place a small handful of berries in the strainer. Taking turns, Use the back of the spoon to crush the berries so that the juice drips into the Mason jar. Have one student hold the jar steady while the other crushes the berries.
4. Once the berries have been crushed, discard the berry pulp in the strainer.
5. Go around the room and add the vinegar and salt to the berry juice.
6. Place the Mason jar lids on TIGHTLY and have the students mix well by shaking the jars (until the salt is completely dissolved).
7. Pour a little of the ink from the jar into each student's Dixie cup. That will be their ink well.
8. Have the students use the ink with their quills or calligraphy pens to write on the paper. See if they can match the handwriting sample attached. Additional time can be added to the activity in the form of a writing assignment using the ink.
9. Pour the ink into a jar and tighten the lid when not in use. Berry ink can spoil quickly, so only make the amount of ink you will need for one day at a time.

Have a class discussion about the activities. What did they learn from making their own ink? What happens when you make a mistake (i.e., spelling error or smudge the ink)? Have they thought about the time it would take a letter to get to its intended recipient in the 1800s, while today we can communicate information almost in an instant? If your students wrote letters or diary entries, what did they write about? How might what they wrote compare to writings in the past?

*A B C D E F G*  
*H I J K L M N*  
*O P Q R S T U*  
*V W X Y Z*

*a b c d e f g h i j k l m n*  
*o p q r s t u v w x y z*

*1 2 3 4 5 6 7 8 9 0*