CRUCIFEROUS CLASSROOM CONNECTIONS

English Language Arts

**PICK a good book**
Consider exploring cruciferous themed books*:

- *The Giant Cabbage An Alaska Folktale* by Cherie B. Stihler
- ‘Katie’s Cabbage’ by Katie Stagliano
- *The Vegetables We Eat* by Gail Gibbons
- ‘The Boy Who Loved Broccoli’ by Sarah A Creighton

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Comparing **CABBAGE**
Have students make a Venn diagram to compare and contrast different cabbage varieties.

**Math**

Count on **CABBAGE AND CAULIFLOWER**
Estimate and measure the circumference of cabbage heads.

Have students predict which is heavier—a raw head of cabbage or cooked cabbage.

Have students separate the florets from the head of broccoli and/or cauliflower. Then, ask students to count the number of florets in each head and compare their findings.
Science

Become a **BROCCOLI-OLOGIST**
Georgia Standard S1L1: **1st Grade**

Explain that the flavorful and nutritious fruits and vegetables we eat are all part of a plant. Use a broccoli crown to illustrate the concept. One broccoli crown has stems, flowers and leaves. Stems typically support the leaves, flowers, and fruit of a plant. They also connect the leaves to the roots for transporting water and minerals through the phloem and xylem. Ask your students to brainstorm types of edible stems that we eat (asparagus is a good example; broccoli and cauliflower also have a stem below the floret). Give clues or show pictures as needed.

**CABBAGE Chemistry**

Use cabbage juice from a can of red cabbage to determine if a substance is an acid or a base. Separate the cabbage juice into 3 glass containers with 2 tablespoons (Tbsp) of juice in each container. Add 1 Tbsp of vinegar to the first container. Add 1 Tbsp of baking soda to the second container. Add 1 Tbsp of distilled water to the third container. Observe, record, and discuss results.

**Social Studies**

Smarty **PLANTS**
Research and report on the history of broccoli, cabbage and cauliflower.

**Music**

Let’s **BROC** and Roll

**Art**

**A TREE-mendous Art Project**
Broccoli and cauliflower can make great stamps when sliced long-ways. Use the veggie stamps to create a broccoli/cauliflower forest.

**Cross-Curricular**

The **CABBAGE Program**
3rd Grade
Explore these cabbage themed lessons that cover subjects such as Math, Nutrition, Science, and Social Studies. [https://bonniecabbageprogram.com/teachers/lesson-plans/](https://bonniecabbageprogram.com/teachers/lesson-plans/)