



Science



Life Sciences

The life cycle of a strawberry can be studied in many ways. Several of the books listed in the literacy section explain each phase of strawberry growth.

Great video clips can be found at www.unitedstreaming.com.

Students can create a Flow Map (first, next, then, last) to describe the cycle.

Discuss various fruits that grow on a vine versus fruits that grow on trees.

You may also want to visit www.enchantedlearning.com to find great activities about fruit.



Earth Sciences

Soil provides us with a vital resource: our food. Discuss the effects of weather and the seasons on strawberry growth. The book The Strawberry Plant is an excellent resource for investigating earth science through the life of a berry.

Visiting the farm provides an excellent opportunity to discuss a variety of ways our Earth is vital to life. (animals, vegetables, weather etc.) Check out this website for great ideas on integrating farming into your classroom:

<http://www.theteachersguide.com/onthefarm.htm>



Physical Sciences

When studying the physical attributes of pumpkins, students can describe and compare colors, size, and weight of various strawberries.

Sink or Float: Will strawberries sink or float??



Investigation and Experimentation

Create a KWL chart about strawberries. Add to the chart as you continue studying.

Grow strawberries in your classroom with a kit:

<http://www.herbkits.com/product/SK-MGS>

This website provides excellent details for preparing and executing this exciting task at school or home!

Read this internet article to see how students at Walker Elementary school extracted DNA from strawberry plants. Directions for this experiment are included in the article.

<http://hsdportal.hazelwood.k12.mo.us/news/Pages/WalkerElementarystudentsextractDNAfromstrawberriesduringexperiment.aspx>