



# Beyond Food

## Mathematics and Science

### Florida State Standards

- MA.1.G.3.1 Use appropriate vocabulary to compare shapes according to attributes and properties such as number and lengths of sides and number of vertices.
- MA.3.A.1.2 Solve multiplication and division fact problems by using strategies that result from applying number properties.
- MA.4.A.1.2 Multiply multi-digit whole numbers through four digits fluently, demonstrating understanding of the standard algorithm, and checking for reasonableness of results, including solving real-world problems.
- MA.4.G.3.2 Justify the formula for the area of the rectangle "area = base x height".
- MA.4.G.3.3 Select and use appropriate units, both customary and metric, strategies, and measuring tools to estimate and solve real-world area problems.
- MA.6.A.3.4 Solve problems given a formula.
- MA.6.G.4.1 Understand the concept of Pi, know common estimates of Pi (3.14; 22/7) and use these values to estimate and calculate the circumference and the area of circles.
- MA.7.G.2.2 Use formulas to find surface areas and volume of three-dimensional composite shapes.
- SC.1.L.14.3 Differentiate between living and nonliving things.
- SC.4.L.17.4 Recognize ways plants and animals, including humans, can impact the environment.