

Implementing Teaching Standards

Math Common Core Standards

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

This unit will mainly focus on Mathematical practice 1 and 4. By making sense of problems, students will be presented with a challenge question/task to determine their best strategy for solving the problem. The challenge question and tasks will be used in this unit through multiplication task cards and the Lego Building Proposal. Students will Model with Mathematics using colored tiles, Lego blocks and cubes.

CCSS.MATH.CONTENT.3.OA.A.1

Interpret products of whole numbers, e.g., interpret 5×7 as the total number of objects in 5 groups of 7 objects each. *For example, describe a context in which a total number of objects can be expressed as 5×7 .*

CCSS.MATH.CONTENT.3.MD.C.7.A

Find the area of a rectangle with whole-number side lengths by tiling it, and show that the area is the same as would be found by multiplying the side lengths.

Social Studies Objectives

3.G.1.1 Find absolute and relative locations of places within the local community and region. Students will use their blueprint designs as a map to give directions to buildings within their city. They will choose three feature buildings they would like tourist to visit and write directions to those three places. They must use key terms such as North, South, East and West.

3.H.2.1 Explain change over time through historical narratives (events, people, places). Students will research the history of the Lego company and how it has changed over time. They will research major cities in North Carolina such as Charlotte, Winston-Salem and Raleigh to explain how they have changed over time.

Language Anchor Standard

[CCSS.ELA-LITERACY.CCRA.L.6](#)

Acquire and use accurately a range of general academic and domain-specific words and phrases sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when encountering an unknown term important to comprehension or expression. Students will apply their vocabulary skills by using their math notebooks and math foldables.