

INTERDISCIPLINARY

SEPT 2013



Time: 20-50 min



CCSS.Math.Content.8.NS.A.3
&

CCSS.ELA-Literacy.RST.6-8.7

Solve real-world and mathematical problems involving the four operations with rational numbers. Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually.



EXTENSION:

For more info, see pp 5-10:
http://pacificaquaponics.org/Aqua_Curriculum.pdf

Apply and Extend Previous Understanding of Operations with Fractions

In-class connection to aquaponics.

Scenario: Students consider cost to benefit ratios for money put in to buy equipment, feed, fish stock, plants, etc. and the outcomes: production of fish/plants for food and sustainable living and careers (jobs) in aquaculture.

Factors such as value of food products and monetary value of sustainability can be prequantified by the teacher or investigated by students as an extension to this activity.

*Extension Resource: Connection to Section 2: The Business of Aquaculture (pp 5-10)