

# Jolly Ranchers – the Mathematics

## Primary Claim

*Claim #3* - Communicating Reasoning

Students can clearly & precisely construct viable arguments to support their own reasoning & to critique the reasoning of others.

## Secondary Claim

*Claim #1* – Concepts and Procedures

Students can explain & apply mathematical concepts & carry out mathematical procedures with precision & fluency.

## Domains and Conceptual Categories

- Counting and Cardinality (CC)
- Operations and Algebraic Thinking (OA)
- Number and Operations in Base Ten (NBT)
- Ratio and Proportional Relationships (RP)
- Expressions and Equations (EE)
- Functions (F)
- Algebra (A)

## Depth of Knowledge (DOK)

2. Skills/Concepts
3. Strategic Thinking

## Standards for math practice

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.
6. Attend to precision
7. Look for and make use of structure.