

Sr. Jiménez

Welcome to your Science Class

# Expectations

- \* School
  - \* Be Respectful
  - \* Make Good Choices
  - \* Be a Problem Solver

# Student Expectations

- \* Bring Materials To Succeed
- \* Do Your Best
- \* Participate
- \* Follow Directions
- \* Respect-People and School
- \* Be Positive
- \* Self-Advocate
- \* Water Only

# Before Asking Teacher

- \* Self-Advocate
  - \* Think first
  - \* Be Respectful
  - \* Ask Partner
  - \* Ask Team
  - \* Raise Hand and Ask Teacher

# Next Generation Science Standards

- \* NGSS 7 & 8 Grades

- \* 3-D Model

  - Cross Cutting Concepts

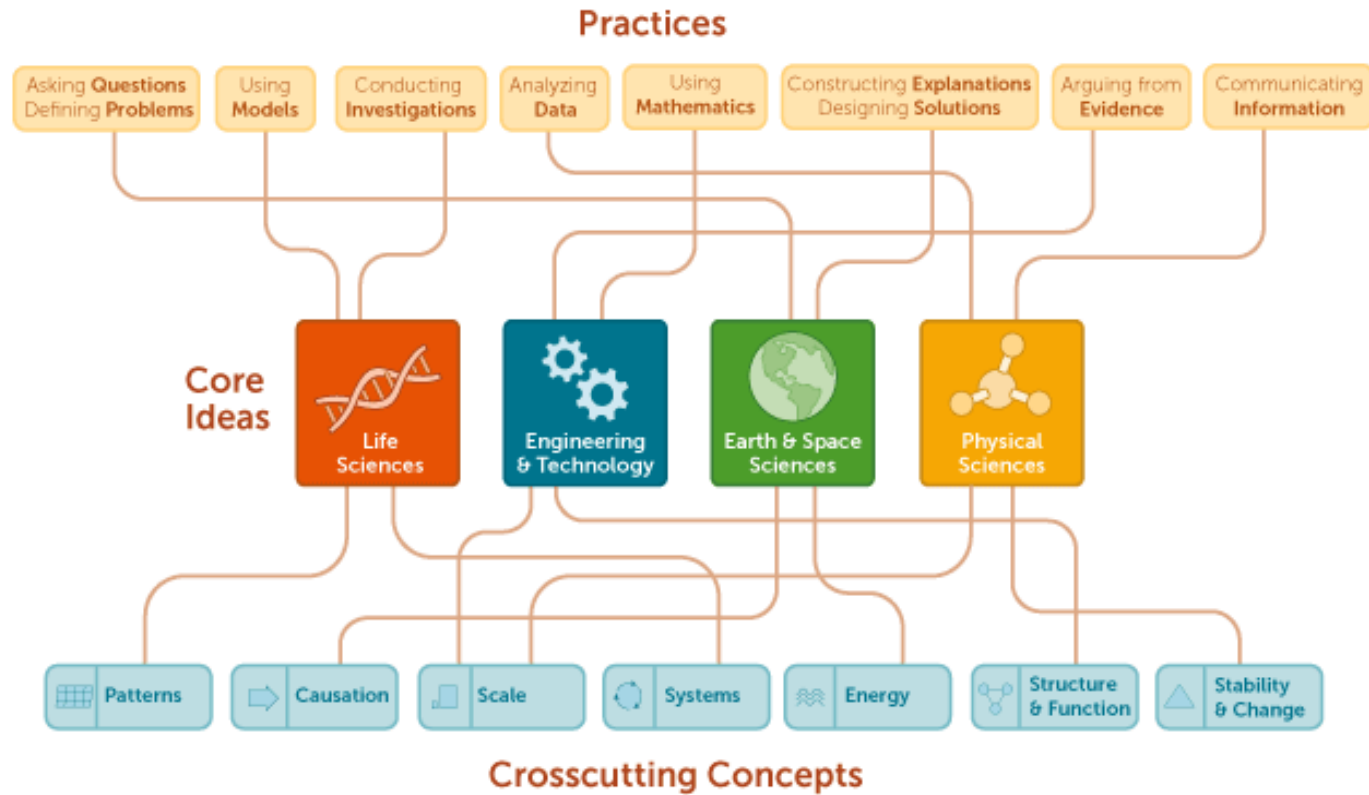
  - Practices

  - Disciplinary Core Ideas

STEAM

Engineering Design Process

# 3-D Model



# Phenomena



- \* I wonder...
  - \* Anchoring Phenomena
  - \* Investigative Phenomena
- Lab Days Tuesday & Thursdays

# AVID Strategies

- \* AVID—Since 1980 Ms Swanson—Clairemont High
- \* WICOR
- \* SLANT
- \* Cornell Notes— Since 1940s
- \* Organization
- \* Participation



# Virtual Resources

- \* Simulator—PhET
  - \* [Example: Forces and Motion](#)
- \* [Desmos Scientific Calculator](#)
- \* [NASA STEM Engagement](#)
- \* [California Science Center-Los Angeles](#)
- \* [Fleet Science Center-San Diego](#)
- \* [California Academy of Sciences-San Francisco](#)

# Advisory

\* Q1--3D Modeling--Build and Test a Truss Bridge

Q2—Environment and You—ReWild Mission Bay

Q3—Pollinator Garden—Research, Design, & Plant

Q4—Sculpture--Mask Making

All Qs include Tutorial, Catch-up, and Expansion Days!

¡Gracias!

\*Preguntas Y Respuestas

\*Q & A