**Cross Cutting Concepts**

**Disciplinary Core Ideas**

**CONTENT**
- Life Sciences
- Physical Sciences
- Earth and Space Sciences
- Engineering, Technology, and Applications of Science

**Scientific and Engineering Practices**

**PROCESS**
- Asking questions/Defining problems
- Developing and using models
- Planning and carrying out investigations
- Analyzing and interpreting data
- Using mathematical and computational thinking
- Constructing explanations/Designing solutions
- Engaging in arguments from evidence
- Obtaining, evaluating and communicating information

**Evidence of 3D Learning**:

**A Model of the Three Dimensions of Science Learning**


**References:**