JSD 3D Learning Activity Template

Grade:	**Title:**

Utah Science with Engineering Education Standard (SEEd):

Key crosscutting concept(s) (CCC):
Key science and engineering practice(s) (SEP):

Materials:

Time:

Teacher background, key content information and hints:

Prior knowledge that students need:

Learning Activity Plan

These three aspects of a lesson should be identified in your learning activity.

Gathering: *(Obtain Information, Ask Questions/Define Problems, Plan & Carry Out Investigations, Use Models to Gather Data and Information, Use Mathematics/Computational Thinking.)*	***Reasoning:*** *(Evaluate Information, Analyze Data, Use Mathematics/Computational Thinking, Construct Explanations/Solve Problems, Develop Arguments from Evidence, Use Models to Predict & Develop Evidence.)*	***Communicating:*** *(Communicate Information, Argue from Evidence (written & oral), Use Models to Communicate).*

Phenomenon:

Learning Activity:

Assessment of student learning
Short description of the evidence the teacher is willing to accept that a student is proficient with the performance expectations.
This may be a rubric, narrative, or other set of descriptors that are useful for distinguishing proficient from non-proficient performances.

Student Sheet

Title

Introduction (short background info or question statement)

Materials (if needed)

Procedures: (what do students do?)

Data tables or graphs (students can label axis or columns of data to add rigor)

Analysis: Tie a few questions to the outcomes, CCC or SEF

Conclusion: students should report their learning in some way.