



# Synthesizing

## Anchored Instruction



Falling under the social constructivist philosophy this is an example of situated learning where students engage in problem solving, but within a specific, but integrated, context. Creating a realistic scenario or story through which students can approach a problem from multiple angles.

## T-GEM



A constructivist technique that uses technology (or not) to support student problem solving and inquiry-based thinking.

- Generate Student Ideas
- Evaluate Student Ideas
- Modify Student Ideas

This technique can be used to integrate various tools and guide student thinking.



## SKI & WISE



Based on central principles of social constructivism, SKI is the theory that underlines the online inquiry based projects that make up WISE.. The central tenants of SKI are:

- Make science accessible
- Make thinking visible
- Learning from others
- Promote life long learning

## LFU



This model of design follows constructivist philosophy by highlighting the importance of the learners personal construction of knowledge through goal-directed processes. This model focuses on the idea that this construction of knowledge must be done in a way that supports use before it can be generalized.