

# Depth of Knowledge (DOK)

# SAMR Model

# Bloom's Taxonomy

# Rigor/Relevance Framework

4

TRANSFORMATION

Level 4  
Extended Thinking

## Redefinition

technology allows for the creation of new tasks, previously inconceivable

Creating

Evaluating

D

Adaptation  
Analyze, Synthesize, and Evaluate across disciplines; predictable/unpredictable real-world

3

Level 3  
Strategic Thinking

## Modification

technology allows for significant task redesign

Analyzing

C

Assimilation  
Analyze, Synthesize, and Evaluate in one discipline

2

ENHANCEMENT

Level 2  
Basic Application of Skills and Concepts

## Augmentation

technology as a direct tool substitute, with functional improvement

Applying

Understanding

B

Application  
Apply across disciplines; predictable/unpredictable real-world

1

Level 1  
Recall and Reproduction

## Substitution

technology as a direct tool substitute, with no functional change

Remembering

A

Acquisition  
Knowledge/Application in one discipline