QMER Statistical Thinking Model

Effective Learning Strategies

Distributed Practice

Interleaving

Retrieval Practice

Elaboration

Concrete Examples

Dual Coding

Pedagical Context

Learning Communities

Problem-based Learning

Active Learning Flipped Classroom

Assessment/Evaluation

Competency-based Assessment

Design-based Evaluation

Statistical Thinking

Computational Thinking

Model-based Thinking

Statistical Programming

Exploratory Data Analysis

FAIR Workflow