

DL Essentials:

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Students engage in real world phenomenon/ problem, record initial thinking and questions.

Students record observations, analyze data sets using multiple forms of data representations, look for patterns using old and new technology. Data sources vary from experimentation second hand text.

DL Essentials:

THE REAL WORLD

Ask Questions
Observe
Experiment
Measure

COLLECT DATA TEST SOLUTIONS

Investigating

ARGUE CRITIQUE ANALYZE

Evaluating

THEORIES AND MODELS

Imagine
Reason
Calculate
Predict

FORMULATE HYPOTHESES PROPOSE SOLUTIONS

Developing
Explanations and
Solutions

Students record and continually revise models to best fit the evidence from data, readings, and discourse.

Students create and revise claims and/or solutions for public critique and revision, individually, small groups, whole group, and authentic audiences.

DL Essentials:

Students argue from evidence in small and whole group discussion for consensus, making their thinking public and visible.