



Every wonder how instructional "Best Practices" are incorporated into the ELM protocols? Well, the short answer is: in each and every protocol. See for yourself...

## Launch/Team



### Teacher Role

Present Challenge

Group Students

### Skills Needed

Relational

Questioning

Technology

Facilitation

Scaffolding



### Student Role

Engage with Challenge

Form Teams

### Skills Gained

Listening

Transfer

Networking

Setting Norms

Collaborating

Conflict Resolution

Responsibility

Professional Ethics

## Best Practices:

- Relevance, Engagement
- Authentic Work 0.48
- Cooperative learning 0.5
- Classroom culture 0.53
- Anticipatory Set 0.75
- Cooperative Groups 0.59

# Plan



## Teacher Role

Facilitate

## Skills Needed

Data Analysis

Questioning

Knowledge TEKS



## Student Role

Plan

## Skills Gained

Analysis

Questioning

Goal-setting

Project/Time Management

## Best Practices:

- Problem-solving 0.61
- Goal-setting 1.44
- Critical Analysis 0.69
- Research Questions 0.69

# Research/Work



## Teacher Role

Coach

## Skills Needed

Scaffolding

Questioning

Assessing

Differentiating



## Student Role

Learn

## Skills Gained

Research

Autonomy

Owning Learning

Collaboration

Instructing  
Intervening

Metacognition  
Confidence  
Project/Time management

## Best Practices:

- Formative assessment 0.90
- Mastery learning 0.58
- Daily Lesson/Work Independent Practice 0.71
- Small Group Instruction 0.88
- Direct Instruction 0.59
- Research/Inquiry 0.61
- Reader's Workshop, Writer's Workshop
- Guided Reading Groups Stations 0.49
- Intervention 0.77
- Daily classroom formative assessment 0.9
- Critique & Feedback 0.73

## Create/Critique



### Teacher Role

Coach

### Skills Needed

Questioning  
Assessing  
Instructing  
Intervening  
Critiquing



### Student Role

Create

### Skills Gained

Design Thinking  
Creativity  
Critique  
Collaboration  
Critical Thinking  
Project/Time management

## Best Practices:

- Critique/Feedback 0.73
- Creative application 0.68

- Problem-solving
- Service Learning Projects 0.58
- Peer Editing 0.55

## Share



### Teacher Role

Moderate

### Skills Needed

Questioning

Assessing

Connecting



### Student Role

Present

### Skills Gained

Communication

Listening

Reflection

## Best Practices:

- Metacognitive Strategies 0.69
- Reciprocal Teaching 0.74

\*Source: Hattie, John. Visible Learning: A Synthesis of over 800 Meta-Analyses Relating to Student Achievement. 2009.