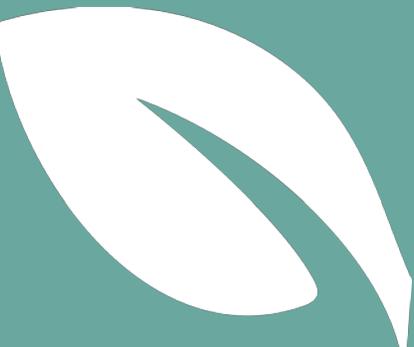


Assessing Project-Based Learning



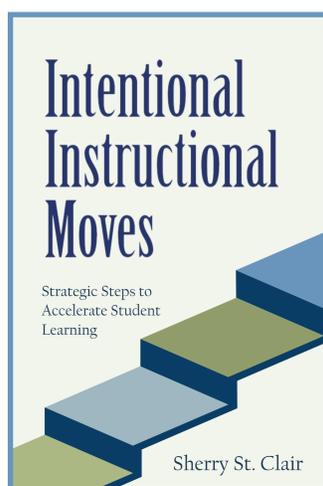
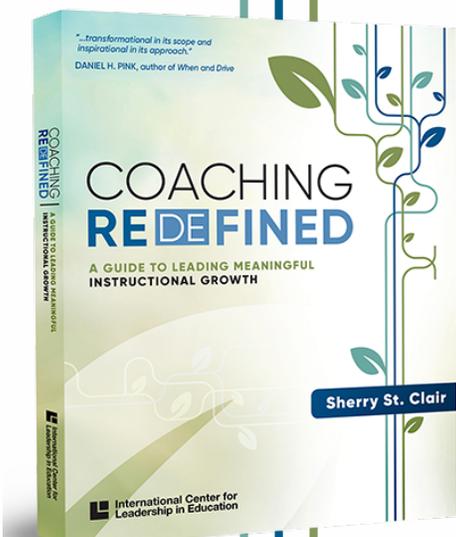
Sherry St. Clair
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Sherry St. Clair is the visionary founder of Reflective Learning LLC, an esteemed educational consulting agency headquartered in Kentucky. Her organization partners with schools globally, delivering tailored training and coaching services designed specifically for school administrators, instructional coaches and educators. Sherry possesses a master's degree in Instructional Leadership and holds a Rank I certification in Instructional Supervision.

With a wealth of experience in public education, Sherry has excelled in various roles, including elementary school teacher, high school administrator overseeing 1,300 students, state consultant, and creator of virtual courses. As a Senior Consultant for the International Center for Leadership in Education and Houghton Mifflin Harcourt, she has earned recognition as a sought-after international speaker and consultant. Sherry specializes in instructional leadership, effective classroom practices, classroom walkthroughs, data utilization, and establishing frameworks for successful classroom coaching, all driven by her passion for coaching schools to meet the diverse needs of every student.

In her commitment to advancing education, Sherry developed virtual instructional workshops for the CTE Technical Assistance Center of New York. Collaborating with the Successful Practices Network, Houghton Mifflin Harcourt, and The School Superintendent Association (AASA), she has worked to scale innovative practices across educational settings. Additionally, through the Georgia Association of Educational Leaders, she has facilitated Literacy Leadership Institutes for the past five years, empowering district leaders, school administrators, and instructional coaches to focus on leading research-based literacy improvements within their schools and communities.

Sherry is also a contributing author to notable works such as Effective Instructional Strategies Volume 2, published by the International Center for Leadership in Education, and 100 No-Nonsense Things That All Teachers Should Stop Doing. She has authored numerous professional learning activity guides and led webinar series centered on leadership and effective instructional practices. Her influential publication, Coaching Redefined: A Guide to Leading Meaningful Instructional Growth, released in June 2019, has been embraced by instructional leaders worldwide. Her latest book, Intentional Instructional Moves, launched in October 2024, continues to extend her impact in the field.



Visible Learning^{plus} 250+ Influences on Student Achievement

STUDENT	ES
Prior knowledge and background	
Field independence	0.68
Non-standard dialect use	-0.29
Piagetian programs	1.28
Prior ability	0.94
Prior achievement	0.55
Relating creativity to achievement	0.40
Relations of high school to university achievement	0.60
Relations of high school achievement to career performance	0.38
Self-reported grades	1.33
Working memory strength	0.57
Beliefs, attitudes and dispositions	
Attitude to content domains	0.35
Concentration/persistence/ engagement	0.56
Grit/incremental vs. entity thinking	0.25
Mindfulness	0.29
Morning vs. evening	0.12
Perceived task value	0.46
Positive ethnic self-identity	0.12
Positive self-concept	0.41
Self-efficacy	0.92
Stereotype threat	0.33
Student personality attributes	0.26
Motivational approach, orientation	
Achieving motivation and approach	0.44
Boredom	-0.49
Deep motivation and approach	0.69
Depression	-0.36
Lack of stress	0.17
Mastery goals	0.06
Motivation	0.42
Performance goals	-0.01
Reducing anxiety	0.42
Surface motivation and approach	-0.11
Physical influences	
ADHD	-0.90
ADHD – treatment with drugs	0.32
Breastfeeding	0.04
Deafness	-0.61
Exercise/relaxation	0.26
Gender on achievement	0.08
Lack of illness	0.26
Lack of sleep	-0.05
Full compared to pre-term/low birth weight	0.57
Relative age within a class	0.45

CURRICULA	ES
Reading, writing and the arts	
Comprehensive instructional programs for teachers	0.72
Comprehension programs	0.47
Drama/arts programs	0.38
Exposure to reading	0.43
Music programs	0.37
Phonics instruction	0.70
Repeated reading programs	0.75
Second/third chance programs	0.53
Sentence combining programs	0.15
Spelling programs	0.58
Visual-perception programs	0.55
Vocabulary programs	0.62
Whole language approach	0.06
Writing programs	0.45
Math and sciences	
Manipulative materials on math	0.30
Mathematics programs	0.59
Science programs	0.48
Use of calculators	0.27
Other curricula programs	
Bilingual programs	0.36
Career interventions	0.38
Chess instruction	0.34
Conceptual change programs	0.99
Creativity programs	0.62
Diversity courses	0.09
Extra-curricula programs	0.20
Integrated curricula programs	0.47
Juvenile delinquent programs	0.12
Motivation/character programs	0.34
Outdoor/adventure programs	0.43
Perceptual-motor programs	0.08
Play programs	0.50
Social skills programs	0.39
Tactile stimulation programs	0.58

HOME	ES
Family structure	
Adopted vs non-adopted care	0.25
Engaged vs disengaged fathers	0.20
Intact (two-parent) families	0.23
Other family structure	0.16
Home environment	
Corporal punishment in the home	-0.33
Early years' interventions	0.44
Home visiting	0.29
Moving between schools	-0.34
Parental autonomy support	0.15
Parental involvement	0.50
Parental military deployment	-0.16
Positive family/home dynamics	0.52
Television	-0.18
Family resources	
Family on welfare/state aid	-0.12
Non-immigrant background	0.01
Parental employment	0.03
Socio-economic status	0.52

SCHOOL	ES
Leadership	
Collective teacher efficacy	1.57
Principals/school leaders	0.32
School climate	0.32
School resourcing	
External accountability systems	0.31
Finances	0.21
Types of school	
Charter schools	0.09
Religious schools	0.24
Single-sex schools	0.08
Summer school	0.23
Summer vacation effect	-0.02
School compositional effects	
College halls of residence	0.05
Desegregation	0.28
Diverse student body	0.10
Middle schools' interventions	0.08
Out-of-school curricula experiences	0.26
School choice programs	0.12
School size (600-900 students at secondary)	0.43
Other school factors	
Counseling effects	0.35
Generalized school effects	0.48
Modifying school calendars/timetables	0.09
Pre-school programs	0.28
Suspension/expelling students	-0.20

The Visible Learning research synthesises findings from **1,400** meta-analyses of **80,000** studies involving **300** million students, into what works best in education.

Key for rating

- Potential to considerably accelerate student achievement
- Potential to accelerate student achievement
- Likely to have positive impact on student achievement
- Likely to have small positive impact on student achievement
- Likely to have a negative impact on student achievement

ES Effect size calculated using Cohen's *d*



Visible Learning^{plus} 250+ Influences on Student Achievement

CLASSROOM	ES
Classroom composition effects	
Detracking	0.09
Mainstreaming/inclusion	0.27
Multi-grade/age classes	0.04
Open vs. traditional classrooms	0.01
Reducing class size	0.21
Retention (holding students back)	-0.32
Small group learning	0.47
Tracking/streaming	0.12
Within class grouping	0.18
School curricula for gifted students	
Ability grouping for gifted students	0.30
Acceleration programs	0.68
Enrichment programs	0.53
Classroom influences	
Background music	0.10
Behavioral intervention programs	0.62
Classroom management	0.35
Cognitive behavioral programs	0.29
Decreasing disruptive behavior	0.34
Mentoring	0.12
Positive peer influences	0.53
Strong classroom cohesion	0.44
Students feeling disliked	-0.19

TEACHER	ES
Teacher attributes	
Average teacher effects	0.32
Teacher clarity	0.75
Teacher credibility	0.90
Teacher estimates of achievement	1.29
Teacher expectations	0.43
Teacher personality attributes	0.23
Teacher performance pay	0.05
Teacher verbal ability	0.22
Teacher-student interactions	
Student rating of quality of teaching	0.50
Teachers not labeling students	0.61
Teacher-student relationships	0.52
Teacher education	
Initial teacher training programs	0.12
Micro-teaching/video review of lessons	0.88
Professional development programs	0.41
Teacher subject matter knowledge	0.11

TEACHING: Focus on student learning strategies	ES
Strategies emphasizing student meta-cognitive/self-regulated learning	
Elaboration and organization	0.75
Elaborative interrogation	0.42
Evaluation and reflection	0.75
Meta-cognitive strategies	0.60
Help seeking	0.72
Self-regulation strategies	0.52
Self-verbalization and self-questioning	0.55
Strategy monitoring	0.58
Transfer strategies	0.86
Student-focused interventions	
Aptitude/treatment interactions	0.19
Individualized instruction	0.23
Matching style of learning	0.31
Student-centered teaching	0.36
Student control over learning	0.02
Strategies emphasizing student perspectives in learning	
Peer tutoring	0.53
Volunteer tutors	0.26
Learning strategies	
Deliberate practice	0.79
Effort	0.77
Imagery	0.45
Interleaved practice	0.21
Mnemonics	0.76
Note taking	0.50
Outlining and transforming	0.66
Practice testing	0.54
Record keeping	0.52
Rehearsal and memorization	0.73
Spaced vs. mass practice	0.60
Strategy to integrate with prior knowledge	0.93
Study skills	0.46
Summarization	0.79
Teaching test taking and coaching	0.30
Time on task	0.49
Underlining and highlighting	0.50

TEACHING: Focus on teaching/instructional strategies	ES
Strategies emphasizing learning intentions	
Appropriately challenging goals	0.59
Behavioral organizers	0.42
Clear goal intentions	0.48
Cognitive task analysis	1.29
Concept mapping	0.64
Goal commitment	0.40
Learning goals vs. no goals	0.68
Learning hierarchies-based approach	0.19
Planning and prediction	0.76
Setting standards for self-judgement	0.62
Strategies emphasizing success criteria	
Mastery learning	0.57
Worked examples	0.37
Strategies emphasizing feedback	
Classroom discussion	0.82
Different types of testing	0.12
Feedback	0.70
Providing formative evaluation	0.48
Questioning	0.48
Response to intervention	1.29
Teaching/instructional strategies	
Adjunct aids	0.32
Collaborative learning	0.34
Competitive vs. individualistic learning	0.24
Cooperative learning	0.40
Cooperative vs. competitive learning	0.53
Cooperative vs. individualistic learning	0.55
Direct instruction	0.60
Discovery-based teaching	0.21
Explicit teaching strategies	0.57
Humor	0.04
Inductive teaching	0.44
Inquiry-based teaching	0.40
Jigsaw method	1.20
Philosophy in schools	0.43
Problem-based learning	0.26
Problem-solving teaching	0.68
Reciprocal teaching	0.74
Scaffolding	0.82
Teaching communication skills and strategies	0.43

TEACHING: Focus on implementation method	ES
Implementations using technologies	
Clickers	0.22
Gaming/simulations	0.35
Information communications technology (ICT)	0.47
Intelligent tutoring systems	0.48
Interactive video methods	0.54
Mobile phones	0.37
One-on-one laptops	0.16
Online and digital tools	0.29
Programmed instruction	0.23
Technology in distance education	0.01
Technology in mathematics	0.33
Technology in other subjects	0.55
Technology in reading/literacy	0.29
Technology in science	0.23
Technology in small groups	0.21
Technology in writing	0.42
Technology with college students	0.42
Technology with elementary students	0.44
Technology with high school students	0.30
Technology with learning needs students	0.57
Use of PowerPoint	0.26
Visual/audio-visual methods	0.22
Web-based learning	0.18
Implementations using out-of-school learning	
After-school programs	0.40
Distance education	0.13
Home-school programs	0.16
Homework	0.29
Service learning	0.58
Implementations that emphasize school-wide teaching strategies	
Co- or team teaching	0.19
Interventions for students with learning needs	0.77
Student support programs – college	0.21
Teaching creative thinking	0.34
Whole-school improvement programs	0.28

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The Visible Learning research synthesises findings from **1,400** meta-analyses of **80,000** studies involving **300** million students, into what works best in education.

Designing Effective Project-Based Learning Experiences

1. What skills will be taught?	
2. What content will be emphasized?	
3. Has a rigorous and relevant engaging scenario been developed?	
4. How will students be introduced to relevant information to ensure students are doing the majority of thinking and work? What industry resources will be introduced?	
5. How will effective cooperative learning be incorporated?	
6. How will students create a timeline for the project and be held accountable for that timeline?	
7. What type of research will students need to complete? How will this be facilitated? What industry materials will be used for research?	
8. How will students receive regular feedback on progress? How will you know they are progressing?	
9. Does the project include a real-world audience component? Will students be able to refine their project afterwards?	
10. What type of rubric will be utilized to assess the project?	

Most Valuable Career Skills by 2025

Per the annual World Economic Forum report, the most valuable career skills by 2025 will be the following 10 skills:

- 1. Analytical thinking and innovation:** In order to find creative solutions, you review new and possibly complicated information, examine that information to ensure it's factual, use reasoning skills to determine if the information follows a logical pattern and determine causes and effects.
- 2. Active learning and learning strategies:** Utilizing strategies that work best for you, active learning requires you to evaluate what you know, understand what you need to know and have the initiative to learn that information through various means.
- 3. Complex problem solving:** To solve complex problems requires being able to identify the problem, evaluate all pertinent information and factors, consider a range of possible solutions, think critically through different solution options and their potential outcomes, and then make a judgment as to which solution to select. A series of skills go into complex problem solving, including observation skills, analysis, creativity, innovative thinking, evaluation, perseverance, and resilience, to name some.
- 4. Critical thinking and analysis:** To think critically is to think deeply. Critical thinking requires that you first suspend judgment to evaluate all related factors and perspectives as objectively as possible. It entails taking time to think through what you might not be considering or yet seeing. Reason, logic, and judgment are all used to analyze and evaluate information to, ultimately, probe far beyond the surface of the matter at hand.
- 5. Resilience, stress tolerance and flexibility:** Through self-management, you are able to develop coping mechanisms to overcome and adapt to challenges in a healthy manner. By strengthening the five pillars of resistance- self-awareness, mindfulness, self-care, positive relationship and purpose -you can be more emotionally, mentally and behaviorally flexible and adjust to both the internal and external demands.

6. **Creativity, originality and initiative:** To be creative is to imagine something new from the information and data available. Creativity emerges from a capacity to view the world differently, connect seemingly disconnected dots, and unearth unseen patterns to conceive something new. To be creative is to apply critical thinking and empathy to imagine experiences, ideas, and things from other perspectives. With your creative skills, you take the initiative to make something original.
7. **Leadership and social influence:** Through the use of leadership skills-trustworthiness, reliability, organization skills, interpersonal and social skills- you are able to maximize the efforts of those around you towards the accomplishment of a common goal.
8. **Reasoning, problem-solving and ideation:** In a logical way, you are able to understand the problem and move from a hypothesis to a conclusion. You use information to solve complex problems and generate logical and potential solutions.
9. **Technology, design and programming:** Utilizing a combination of text, graphics and style elements, you are able to logically and purposefully create new technologies.
10. **Technology use, monitoring, and control:** technologies Remotely, you are able to monitor and manage technology to ensure it is working properly at all times. If it is not working properly, you are able to utilize problem-solving skills in order to fix it.

Bloom's Taxonomy Questions

Remembering

Retrieve information

Where is ____?

What is ____?

Who is ____?

When did ____ happen?

How is ____?

What happened after ____?

What is the definition of ____?

Who spoke to ____?

Can you name ____?

How many ____?

Can you list the ____ in order?

Understanding

Build meaning from oral, written and graphic communications

What is the main idea of ____?

How would you rephrase the meaning of ____?

Can you write ____ in your own words?

What do you think could have happened next?

How would you summarize ____?

What facts support the idea of ____?

How would you rephrase ____?

Can you illustrate ____?

Can you explain ____?

Can you compare/contrast ____?

Using your own words, can you restate ____?

Applying

Utilize a method in a scenario where it is appropriate

How would you use ____?

Using what you have learned, how would you solve ____?

If you had a chance to interview ____, what questions would you ask?

How could you use what you have learned to develop ____?

What examples can you find that ____?

Can you think of an instance where ____?

What method would you use to ____?

If you ____, what would be the result?

Why does ____ work?

What other way could you plan to ____?

What approach would you use to ____?

Bloom's Taxonomy Questions

Analyzing

Deconstruct components and examine how the components are connected to each other and to the overall purpose

What are the pros and cons of ____?
What are the advantages and disadvantages of ____?
What ideas validate ____?
Why do you think ____?
What conclusions can you draw from ____?
What is the theme?
What is your analysis of ____?

How would you classify ____?
What ideas justify ____?
How can you make a distinction between ____?
What can you infer from ____?
What do you see as other possible outcomes?

Evaluating

Construct judgements based on criteria

Why do you agree/disagree with the actions? Justify your answer.
How might you prove/disprove ____? Support your answer.
How can you defend your position regarding ____? Justify your answer.
How would you have handled ____? Justify your answer.
What is the value of ____? Support your answer.

How would you prioritize ____? Justify your answer.
How effective is ____? Justify your answer.
Is there a better solution than ____? Support your answer.
How would you evaluate ____? Justify your answer.
How could you portray ____? Support your answer.

Creating

Combine components to construct something new.

Can you devise multiple solutions to ____?
How could you test a theory for ____?
Can you improve this design to ____?
Can you devise your own solution for ____?
What changes could you make to solve ____?

Can you design a model to ____?
Can you find a new way to ____?
What product can you invent to solve ____?
Can you predict the outcome of ____?





TOOL 5D

HESS COGNITIVE RIGOR MATRIX | Career & Technical Education (CTE CRM) :

Hess' Interpretation Applying Webb's Depth-of-Knowledge Levels to Bloom's Cognitive Process Dimensions



Revised Bloom's Taxonomy	Webb's DOK Level 1 Recall & Reproduction	Webb's DOK Level 2 Skills & Concepts	Webb's DOK Level 3 Strategic Thinking/Reasoning	Webb's DOK Level 4 Extended Thinking
Remember Memorize, recognize, recall, locate, identify	<ul style="list-style-type: none"> o Recall or locate key facts, terms, details, procedures (e.g., explicit in a technical manual) 	Use these Hess CRM curricular examples with most assignments, assessments, or inquiry activities for Career & Technical Education		
Understand Construct meaning, clarify, paraphrase, represent, translate, illustrate, give examples, summarize, generalize, infer a logical conclusion), predict, observe, match like ideas, explain, construct models	<ul style="list-style-type: none"> o Select correct terms/ graphics for intended meaning o Describe/explain who, what, where, when, or how o Define terms, principles, concepts o Represent relationships with words, diagrams, symbols o Solve routine problems 	<ul style="list-style-type: none"> o Specify and explain relationships (e.g., non-examples/examples; cause-effect; if-then) o Summarize procedures, results, concepts, key ideas (paragraph) o Make and explain estimates, basic inferences, or predictions o Use models to explain concepts o Make and record observations 	<ul style="list-style-type: none"> o Explain, generalize, or connect ideas using supporting evidence (quote, example, text reference, data); o Justify your interpretation when more than one is plausible o Explain how a concept can be used to solve a non-routine problem o Develop a multi-paragraph manual or infographic for specific purpose/focus 	<ul style="list-style-type: none"> o Use multiple sources to outline varying perspectives on a problem or issue o Explain how a concept relates across content domains or to 'big Ideas' (e.g., patterns in the human or designed world; structure-function) o Apply generalizations from one investigation to new problem-based situations, using evidence or data
Apply Carry out or use a procedure in a given situation; carry out (apply to a familiar task), or use (transfer) to an unfamiliar or non-routine task	<ul style="list-style-type: none"> o Apply basic formulas, algorithms, conversion rules o Calculate; measure o Use reference materials and tools to gather information o Demo safe procedures 	<ul style="list-style-type: none"> o Select and use appropriate tool or procedure for specified task o Use context to identify the meaning of terms/phrases o Interpret information using diagrams, data tables, etc. 	<ul style="list-style-type: none"> o Build or revise a plan for investigation using (new) evidence/data o Use and show reasoning, planning, and evidence to support conclusions or to identify design flaws o Conduct a designed investigation 	<ul style="list-style-type: none"> o Draw from source materials with intent to develop a complex or multimedia product with personal viewpoint o Conduct a project that specifies a problem, identifies solution paths, tests the solution, and reports results
Analyze Break into constituent parts, determine how parts relate, compare-contrast, differentiate between relevant-irrelevant, distinguish, focus, select, organize, outline, find coherence, deconstruct (e.g., for potential bias, point of view, technique/strategy used)	<ul style="list-style-type: none"> o Identify trend, pattern, possible cause, or effect o Describe processes or tools used to research ideas o Identify ways symbols or metaphors are used to represent universal ideas o Retrieve data to answer a question (e.g., diagram, graph) 	<ul style="list-style-type: none"> o Compare similarities/ differences or draw inferences about _____ due to influences of _____ o Distinguish relevant-irrelevant information; fact/opinion; primary from a secondary source o Extend a pattern o Organize and represent data o Categorize materials, data, etc. based on characteristics 	<ul style="list-style-type: none"> o Interpret information from a complex graph/model (e.g., interrelationships among variables, concepts) o Use reasoning, planning, and evidence to support or refute inferences or results stated o Use reasoning and evidence to generate criteria for making and supporting an argument o Generalize & support a pattern/trend 	<ul style="list-style-type: none"> o Analyze multiple sources of evidence (e.g., compare/contrast various plans, solution methods) o Analyze and compare diverse/complex/ abstract perspectives, models, etc. o Gather, organize, and analyze information from multiple sources to answer a research question
Evaluate Make judgments based on specified criteria, detect inconsistencies, flaws, or fallacies, judge, critique	"UG" – unsubstantiated generalizations = stating an opinion without providing any support for it!		<ul style="list-style-type: none"> o Develop a logical argument for conjectures, citing evidence o Verify reasonableness of results or conjectures (e.g., of others) o Critique conclusions drawn/evidence used/credibility of sources 	<ul style="list-style-type: none"> o Evaluate relevancy, accuracy, & completeness of sources used o Apply understanding in a novel way, provide argument/ justification for the application o Critique the historical impact of _____ on _____
Create Reorganize into new patterns/schemas, design, plan, produce	<ul style="list-style-type: none"> o Brainstorm ideas, concepts, problems, or perspectives related to a given scenario, observation, question posed 	<ul style="list-style-type: none"> o Generate testable conjectures/hypotheses based on observations, prior knowledge, and/or artifacts 	<ul style="list-style-type: none"> o Develop a complex model for given concept and justify reasoning o Develop an alternative solution and justify reasoning 	<ul style="list-style-type: none"> o Synthesize information across multiple models, sources, or texts o Articulate new knowledge or new perspective

Creating Classroom Rubrics Utilizing the Life/Career Abilities Database

1

Visit <https://nyctecenter.org/>



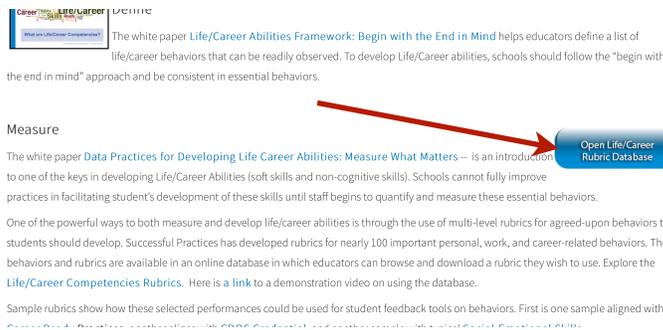
2

From the “Instruction” tab, choose, “Life/Career Abilities.” Visit <https://nyctecenter.org/>



3

Scroll down and click on the tab, “Open Life/Career Ability Database.”



4

Choose as many performance measures as you would like to include in your rubric by clicking the coordinating box.

<input type="checkbox"/>	Leadership	inspires Others to Do Their Best	sets aside personal needs and inspires others to perform to their best abilities.	Provides inspiration by demonstrating to others how to perform at one's best abilities no matter the obstacles.	Occasionally inspires others to perform at their best but sometimes allows selfish needs to take precedence.	Always selfish needs to rule all decisions made.
<input type="checkbox"/>	Leadership	Is Ethical in Using Influence and Power	When in a position of leadership, consistently behaves ethically and with integrity to motivate others to work to their full potential.	Often applies integrity and ethical behavior in leadership positions, thereby influencing others to do likewise.	Does not always consider ethics or integrity in decisions or actions in positions of leadership.	Shows no consideration of integrity or ethical behavior when leading others.
<input checked="" type="checkbox"/>	Leadership	Contributes to the Success of the Group	Consistently requests help at appropriate times and when needed (e.g., knows when to seek help from others or supervisor).	Usually requests help when needed (e.g., asking questions after consulting manuals on policies and procedures, knowing when to seek help from others or supervisor).	Sometimes requests help when needed (e.g., asks questions before consulting manuals on policies and procedures, sometimes seeks help from others or supervisor).	Does not request help when needed (e.g., doesn't ask questions of others or supervisor).
<input type="checkbox"/>	Leadership	Uses Interpersonal Skills to Guide Others	Effectively communicates and motivates others to solve group problems.	Frequently communicates and motivates others to solve group problems.	Attempts, but fails to communicate effectively to solve a problem or motivate others.	Shows little interest in working with others to solve problems.

5

Once you are finished choosing the performance measures, click on the "Review/Edit Selections" at the bottom of the page.

<input type="checkbox"/>	Productivity	Is Punctual	Always arrives on time, breaks never exceed allocated time.	Arrives on time, breaks never exceed allocated time.	Usually follows time requirements.	Is a frequent taker of excessive breaks.
<input type="checkbox"/>	Productivity	Exhibits High-Quality Work	Always meets or exceeds expectations for completion of products or delivery of services.	Meets expectations for completion of products or delivery of services.	Meets expectations for completion of products or delivery of services with supervision.	Struggles to meet expectations for completion of products or delivery of services.

Start Prev 1 2 3 4 5 6 Next End

Page 3 of 6

CLEAR SELECTIONS REVIEW/EDIT SELECTIONS

6

This will bring up a page where you can see everything you've selected. Here, you will have a chance to modify your selections if needed.

Selected Performance Measures

CLEAR SELECTIONS CONTINUE BROWSING EXPORT CSV EXPORT PDF

Select	Competency	Performance Measure	Exemplary	Proficient	Developing	Beginning
<input checked="" type="checkbox"/>	Collaboration	Shares Responsibility	Motivates members to share contributions equally by valuing all members' ideas and contributions.	Participates in and contributes to group's work. Values all members' ideas and contributions.	Attempts to share responsibility of group's work, but ends up completing little of the work by disregarding the input of others.	Does very little of the group's work, does not share ideas or respect others' ideas.
<input checked="" type="checkbox"/>	Leadership	Contributes to the Success of the Group	Consistently requests help at appropriate times and when needed (e.g., knows when to seek help from others or supervisor).	Usually requests help when needed (e.g., asking questions after consulting manuals on policies and procedures, knowing when to seek help from others or supervisor).	Sometimes requests help when needed (e.g., asks questions before consulting manuals on policies and procedures, sometimes seeks help from others or supervisor).	Does not request help when needed (e.g., doesn't ask questions of others or supervisor).
<input checked="" type="checkbox"/>	Problem Solving	Solves Problems Using Mathematics	Correctly uses mathematical reasoning and processes to accomplish job-specific tasks without aid (e.g., using geometry and algebra to complete work computations).	Correctly uses mathematical reasoning and processes to accomplish job-specific tasks with occasional aid (e.g., using geometry and algebra to complete career computations).	Uses mathematical reasoning and processes to accomplish job-specific tasks with occasional errors (e.g., using geometry and algebra to complete career computations).	Does not understand how to apply mathematical reasoning and processes to accomplish job-specific tasks (e.g., using geometry and algebra to complete career computations).

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Choose to either download your rubric to a CSV or a PDF.

Selected Performance Measures

CLEAR SELECTIONS CONTINUE BROWSING EXPORT CSV EXPORT PDF

Select	Competency	Performance Measure	Exemplary	Proficient	Developing	Beginning
<input checked="" type="checkbox"/>	Collaboration	Shares Responsibility	Motivates members to share contributions equally by valuing all members' ideas and contributions.	Participates in and contributes to group's work. Values all members' ideas and contributions.	Attempts to share responsibility of group's work, but ends up completing little of the work by disregarding the input of others.	Does very little of the group's work, does not share ideas or respect others' ideas.
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<input checked="" type="checkbox"/>	Problem Solving	Solves Problems Using Mathematics	Correctly uses mathematical reasoning and processes to accomplish job-specific tasks without aid (e.g., using geometry and algebra to complete work computations).	Correctly uses mathematical reasoning and processes to accomplish job-specific tasks with occasional aid (e.g., using geometry and algebra to complete career computations).	Uses mathematical reasoning and processes to accomplish job-specific tasks with occasional errors (e.g., using geometry and algebra to complete career computations).	Does not understand how to apply mathematical reasoning and processes to accomplish job-specific tasks (e.g., using geometry and algebra to complete career computations).

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A CSV file will allow you to edit any text to fit your individual needs. However you may need to format it before using it with students.

Performance Measure	Exemplary	Proficient	Developing	Beginning
Shares Responsibility	Motivates members to share contributions equally by valuing all members' ideas and contributions.	Participates in and contributes to group's work. Values all members' ideas and contributions.	Attempts to share responsibility of group's work, but ends up completing little of the work by delegating the input of others.	Does very little of the group's work, does not share ideas or respect others' ideas.
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Solves Problems Using Mathematics	Correctly uses mathematical reasoning and processes to accomplish	Correctly uses mathematical reasoning and processes to accomplish	Uses mathematical reasoning and processes to accomplish job-specific tasks with	Does not understand how to apply mathematical reasoning and processes to accomplish job-specific tasks (e.g., doesn't ask questions of others or supervisor).

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A PDF will not allow you to edit the text but it will be formatted to use with students.

CTE TECHNICAL ASSISTANCE CENTER OF NY
Life/Career Rubric

School _____

Student _____

Performance Measure	Exemplary	Proficient	Developing	Beginning
Shares Responsibility	<input type="checkbox"/> Motivates members to share contributions equally by valuing all members' ideas and contributions.	<input type="checkbox"/> Participates in and contributes to group's work. Values all members' ideas and contributions.	<input type="checkbox"/> Attempts to share responsibility of group's work, but ends up completing little of the work by delegating the input of others.	<input type="checkbox"/> Does very little of the group's work, does not share ideas or respect others' ideas.
Contributes to the Success of the Group	<input type="checkbox"/> Consistently requests help at appropriate times and when needed (e.g., knows when to seek help from others or supervisor).	<input type="checkbox"/> Usually requests help when needed (e.g., asking questions after consulting manuals on policies and procedures, knowing when to seek help from others or supervisor).	<input type="checkbox"/> Sometimes requests help when needed (e.g., asks questions before consulting manuals on policies and procedures, sometimes seeks help from others or supervisor).	<input type="checkbox"/> Does not request help when needed (e.g., doesn't ask questions of others or supervisor).
Solves Problems Using Mathematics	<input type="checkbox"/> Correctly uses mathematical reasoning and processes to accomplish	<input type="checkbox"/> Correctly uses mathematical reasoning and processes to accomplish	<input type="checkbox"/> Uses mathematical reasoning and processes to accomplish job-specific tasks with	<input type="checkbox"/> Does not understand how to apply mathematical reasoning and processes to

Group Guidance

- 1. All members of the group stay focused on the task.**
- 2. All members of the group contribute to the conversation and the task.**
- 3. Noise from group is kept at an appropriate level.**
- 4. Group members respect each other.**
- 5. Group members actively listen to each other.**

Group Feedback

My Goals

Name: _____ Date: _____

My first goal is

To reach my goal, I will

I will complete my goal by

My second goal is

To reach my goal, I will

I will complete my goal by

Person being reviewed: _____

Reviewer: _____

I like....

I wonder....

Next steps....

Person being reviewed: _____

Reviewer: _____

I like....

I wonder....

Next steps....

Person being reviewed: _____

Reviewer: _____

I like....

I wonder....

Next steps....

Person being reviewed: _____

Reviewer: _____

I like....

I wonder....

Next steps....



Project-Based Learning Student Contract

Name	Contact information- Phone and Email	Role	Duties
Group Signatures:			
Any Group Concerns:			



Daily Check-In

Name	Role	Work Completed	Plan for Tomorrow	Group Signature	Date

Group Work Peer Evaluation

Record the names of your group members in the numbered boxes. Next, consider how each person contributed to the success of the group. Assign a score for yourself and each group member. Remember to justify your answer after each step.

1=Below Average

2= Average

3=Above Average

4=Outstanding

Contribution	1	2	3	4	Yourself
Helped with the work to complete the task					
Justify Ratings:					
Shared ideas during group discussions					
Justify Ratings:					
Helped keep the group on task					
Justify Ratings:					
Was respectful of other group members					
Justify Ratings:					
Helped others in the group					
Justify Ratings:					
Completed quality work					
Justify Ratings:					
Was a valuable member of the team					
Justify Ratings:					