



# ASSESS CRITICAL THINKING

**A Major Update to Peregrine's  
Knowledge and Skills Assessment**

# Our Vision & Design

Peregrine is closing the gap between knowledge and skills assessment. We proudly announce that our knowledge-based exam is getting a major update, allowing you to measure knowledge in the discipline and higher-order thinking in one exam. Our newly designed update, Critical Thinking, measures knowledge and skill levels across given topics, tiering questions according to Bloom's Taxonomy. By introducing scenario-based assessment, academic programs can evaluate critical thinking alongside their knowledge of a domain or topic.

Our vision is clear—empower every learner to demonstrate critical thinking along each stage of their academic journey. The new critical thinking feature:

- Harnesses the power of AI to measure critical thinking across Bloom's levels.
- Provides objective measurement of five distinct performance criteria.
- Offers seamless integration and easy adoption.

## A Rubric for Reliable Evaluation

The rubric lays out skill criteria, offering a roadmap for formative and summative outcomes measurement and assurance of learning goals. Its detailed structure ensures valid and reliable assessment, enabling educators to quickly identify areas of student proficiency and opportunities for targeted instructional reinforcement. Rubric criteria include:

- Explain scenario and/or elaborate on the given problem or situation.
- Evaluate assumptions and alternate perspectives.
- Draw conclusions and explain related implications and consequences.
- Defend own views and perspectives.
- Communicates effectively.

PERFORMANCE MEASUREMENT CRITERION GOAL	NOVICE - 1	DEVELOPING - 2	PROFICIENT - 3	EXEMPLARY - 4
Identifies the important facts, issues, and interrelationships described by answering "why" they are relevant. Compares and contrasts any embedded or implicit aspects of the scenario and/or problem; providing evidence and statements of importance.	Provides a basic description of the scenario or problem without elaboration.  Fails to identify the importance or relevance of the presented situation.	Offers a partial explanation of the scenario or problem with some relevant details.  Identifies a few important facts or issues but lacks a comprehensive understanding of their relevance.	Presents a clear and coherent explanation of the scenario or problem, showing an understanding of its importance.  Articulates the significant facts, issues, and interrelationships, providing a reasonable explanation of their relevance.	Delivers a highly articulate and insightful explanation of the scenario or problem, highlighting its significance.  Skillfully identifies and analyzes the important facts, issues, and interrelationships, providing compelling evidence of their importance.

Example performance criterion.

# AI-Driven Scoring

Peregrine's unique AI-powered scoring system analyzes student responses' quality, coherence, and relevance, offering insights into the student's grasp of the subject matter. Based on the rubric criteria and Bloom's tiering, scoring short-answer responses is made easy.

Our new AI-assisted scoring accelerates the scoring process, delivering quality results efficiently and consistently across exam items, enabling deep analysis of individual and aggregate results for learning outcomes management.

BLOOM'S LEVEL VI - CREATE

**Question** ?  
What would you recommend to reduce workplace accidents such as this factory fire?

**Model Response** ?  
Changes should be made to existing regulations to account for the cause of the fire. There should be better enforcement of existing regulations, as well as better industry codes of conduct. Finally, it is necessary to have better workplace enforcement of safety compliance, and for industry to create incentives for safer workplaces.

**Key Concepts** ?  
*Ethical responsibility; workplace safety; government regulation*


Examinee's Response  
Better security of equipment/machinery and required reporting of safety violations amongst workers.

Scoring Rubric (9/20 = 45.00%)

? Explain scenario and/or elaborate on the given problem or situation presented and its importance.

○ NOT ATTEMPTED    ○ NOVICE AI SCORE    ● DEVELOPING YOUR SCORE    ○ PROFICIENT    ○ EXEMPLARY

AI Comments  
The student provides a basic solution to the problem without elaborating on the scenario or the importance of the situation. The student fails to identify the relevance of the presented situation, such as the complexity of the issue, the role of the company, the workers, the regulations, and the activists.

Your Comments   
The students answer is closer to the developing level in my opinion.

# Empower Decision-Making with Deep Analysis

The critical thinking feature provides more insights to help with data-driven decision-making.

- Evaluate student capabilities with detailed criteria-based analysis.
- Examine performance through the lens of Bloom's Taxonomy.
- Compare targeted student proficiency in varied assessment formats, from short-answer evaluations to multiple-choice questions by level measures across rubric subcriteria and Bloom's tiers.



## Your Success, Our Blueprint

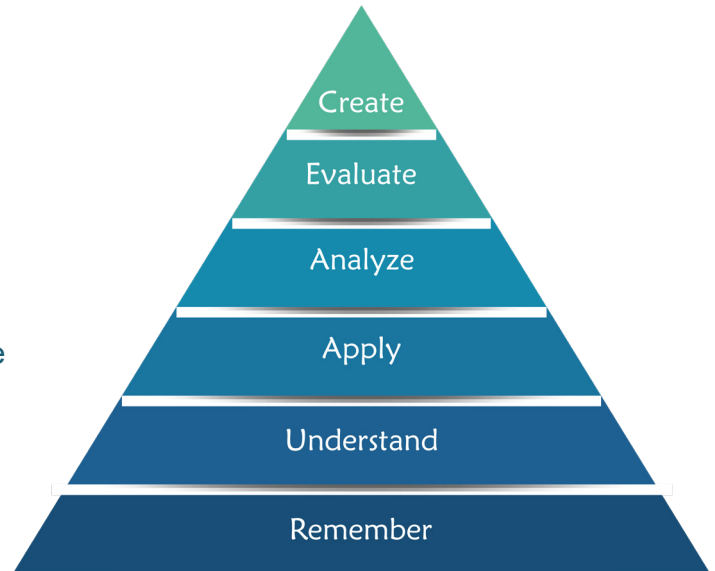
Developed with the end-user in mind – from students, faculty, program coordinators, assessment committee members to deans and chairs – our knowledge and skills assessment alleviates common pain points in managing and sustaining core academic assessment processes. You will be able to transform teaching and learning with an assessment tool that:

- Facilitates comprehensive data analysis.
- Integrates with other Peregrine services.
- Ensures students are knowledgeable and capable critical thinkers.
- Puts students first, enhancing the evaluation of learning outcomes attainment.

# Bloom's Taxonomy

The assessment employs Bloom's Taxonomy as its foundational framework for measuring higher-order thinking.

- Promotes critical thinking, problem-solving, and analytical reasoning skills essential for success in today's complex world.
- Provides specific question items for each cognitive level, thus allowing you to articulate specific achieved outcomes based on academic level, course, program, and institutional learning goals.



## Available Topics

To ensure interdisciplinary acceptance, we have mapped our assessment items to topics commonly taught across academic programs, including business administration, healthcare management, leadership, and more.

Subject matter experts write all scenarios and questions.

- Communications
- Ethics
- Leadership
- Business Integration & Strategic Management
- Global Dimensions of Business

**JOIN US AS WE LAUNCH THIS ENHANCEMENT TO OUR ASSESSMENT SOLUTION.  
LET'S IMPACT EDUCATION TOGETHER — ONE ASSESSMENT AT A TIME.**



Phone: 307-685-1555

Address: 640 N. Hwy 14-16

Gillette WY 82716

Email: [Info@PeregrineGlobal.com](mailto:Info@PeregrineGlobal.com)

Website: [www.PeregrineGlobal.com](http://www.PeregrineGlobal.com)