

# Culturally Responsive Classroom Observation Tool

ID: 2012-075

## Executive Statement:

An innovative tool designed to objectively measure and enhance sociocultural interactions in educational settings.

## Technology Overview:

This invention is a novel observation tool that aims to improve the academic performance of racial and ethnic minority students by quantitatively measuring cultural dimensions within classroom interactions. It integrates psychometric and sociocultural methodologies to focus on key areas such as Self in Group, Agency, and Life Applications, incorporating elements like Competition, Autonomy, and Language/Genre Use. Developed at Brigham Young University, this tool is grounded in culturally responsive teaching principles, aiming to make educational environments more inclusive and effective.

## Key Advantages:

- Objectively measures cultural interactions in classrooms
- Addresses academic underperformance among racial and ethnic minority students
- Bridges the gap between psychometric assessments and sociocultural dynamics
- Supports the development of culturally responsive teaching practices
- Facilitates the integration of students' cultural backgrounds into learning

## Problems Addressed:

- Lack of objective tools to measure cultural dynamics in educational settings
- Academic underperformance of racial and ethnic minority students due to cultural mismatches in classroom environments
- The gap in understanding the impact of sociocultural interactions on learning outcomes

## Market Applications:

- Educational institutions seeking to improve inclusivity and performance
- Researchers and educators focusing on culturally responsive teaching methods
- Policy makers and educational consultants aiming to address educational disparities
- Development of training programs for teachers on cultural competency