NEE Indicator Challenge Suggestions

1.1 The teacher uses content knowledge through the use of academic and disciplinary language and facilitates students' accurate use of academic and disciplinary language.
- The teacher
    - directly teaches vocabulary
    - models the use of vocabulary
    - requires students to use academic language in verbal and written formats
    - corrects or clarifies student use of academic language

1.2 The teacher cognitively engages students in the content.
- The teacher
    - plans and uses strategies to engage a high percentage of students in thinking about the content through the whole lesson
    - uses strategies such as advanced organizers, K-W-L charts, share-outs, shoulder-partner sharing, connecting instruction/activities with students' lives to show relevance, authentic examples, puzzling problems, other cooperative learning structures that incorporate all of the PIES
    - recognizes when students are not cognitively engaged and change to a new strategy

4.1 The teacher uses instructional strategies that lead students to problem-solving and critical thinking
- The teacher
    - asks challenging questions (not just yes/no)
    - gives students complex, demanding tasks that require persistent effort, concentration, and various cognitive and metacognitive strategies
    - requires students to determine what makes an argument valid, assess possible solutions, categorize problems, map concepts, or explain a worked example
    - asks students to justify their thinking or evaluate others' thinking
    - asks students to generate questions and problems, independently collect and assess relevant information in the content, and come to an extended conclusion/justification that works to solve complex issues.

4.2b The teacher effectively uses appropriate technology to facilitate student learning.
- The teacher promotes high-quality technology use such as to
    - collaborate across space and time
    - publish student work to a wider audience
    - provide choice and individualized student experiences
    - encourage creativity
    - develop the capacity to locat, access, and evaluate sources and information
    - promote computational thinking
    - develop digital citizenship

5.1 The teacher uses motivation strategies that affectively engage students.
- The teacher
    - uses materials and activities that students find interesting
    - emphasizes intrinsic motivators more than external motivators
    - connects instruction/activities with students' lives to show relevance
    - uses authentic examples
    - provides attractive choices (autonomy)
    - praises students for genuine achievement (avoids criticism)
    - communicates enthusiasm for the content
    - helps students set achievable, but challenging goals
    - promotes students' self-efficacy
    - communicates to students that success is due to effort and good strategies (not ability)

7.4 The teacher monitors the effect of instruction on the whole class and individual learning.
- The teacher
    - systematically performs quick checks of individuals and the whole class to monitor learning progress
    - monitors learning progress throughout the class
    - takes strong, appropriate corrective action to ensure learning for all students by modifying the lesson or providing scaffolding as needed