Solution Fluency Assessment Rubric—Define

Define	Phase 1 (awareness, connection, remembering)	Phase 2 (understanding, applying)	Phase 3 (analyzing, evaluating)	Phase 4 (evaluating, creating)
Understanding of task purpose	• Develops a definition of the problem that is a repeat of the stimulus material	• Develops a definition of the problem that shows an understanding of the tasks and how skills will be applied to the process	• Develops a definition of the problem by removing extraneous information • Breaks the task or definition down into components • Sequences components in a logical progression	• Develops a definition of the problem that shows critical reflection on the task • Breaks the task or definition down into components • Sequences components in a logical progression • Evaluates the definition for completeness
Independence	• Shows little independence • Requires extensive support to develop or adapt the definition	• Demonstrates some independence • Seeks teacher or peer feedback to successfully develop or adapt the definition	• Shows ability to break the task into elements and then work through them with a degree of independence and self-management • Analyzes feedback to consider its merit, using it if appropriate • Requires little input from the teacher to successfully develop or adapt the definition	• Demonstrates an ability to be self-critical, monitoring his or her own progress and reflecting on it • Shows ability to modify his or her planning and schedule as a result • Requires little or no input from the teacher to successfully develop or adapt the definition
Accuracy and clarity	• Develops a basic definition that would enable a solution	• Develops a definition that would enable the production of a successful solution and sets some of the success criteria	• Develops a definition that would enable the production of a successful solution, is broken down into its component parts, and includes most of the success criteria for the solution	• Develops a definition that would enable the production of a successful solution, is clear and concise, has been (where required) revised to remove extraneous information, and includes detailed success criteria for the solution
Critical reflection	• Does not revisit or revise the definition during the solution fluency process	• Adapts the assigned task during the solution fluency process	• Breaks down the task definition into the components and identifies the relationship between each • Updates the analysis as further information comes to hand	• Critically reviews and adapts the task definition (if required) while progressing through the solution fluency process