



Mathematics Benchmark

Constructed Response Grade Level Feedback



This feedback form is used as grade level teams of teachers review student work samples. This report should be shared with the school learning team as decisions are made for the Mathematics Section of the School Educational Plan.

Grade: 8

Item Description: **Furnace Repair**

Part 1: Sample Scores from Student Work Papers

After scoring papers compile the results and provide scores in the boxes. By providing scores from student samples; student strengths and challenges can be addressed by grade level teachers and school learning teams.

Student	Content Point	Process Points	Total Points
A	0	1	1
B	1	2	3
C	0	0	0
D	0	1	1
E	0	1	1
F	1	2	3
G	1	1	2

Part 2: Feedback on grade Level Papers:

This section is written after all grade level papers have been scored. Highlight the strengths of the student work samples and offer suggestions to guide instruction.

- All students saw the problem as doable, even if misconceptions were evident.
- Many students demonstrated an understanding of simultaneous linear equations even if at a basic level.
- A variety of solutions were evident through tables, graphs; some students need to work on accuracy.
- Many students correctly identified how much one hour would be for both companies but did not extent algebraic thinking.
- Some students solved the task correctly but had difficulty relating solution back to context of the task.
- Many students communicated their understanding clearly; some students need to work on clearly communicating their reasoning.
- Encourage struggling students to use multiple representations
- Give students opportunity to analyze work samples to identify strengths in work samples and to identify areas that need improvement.