

The Stars and Stairs of Effective Feedback

The purpose of this tool is to assist teachers in providing effective feedback that encourages quality justification and reasoning in student mathematical argumentation. This tool will provide a framework teachers can use when providing feedback while assessing student work.

*** Effective Feedback should always be specific and targeted.

Feedback about the CLAIM:

- Your claim does address the question asked. (Star)
- Your claim does not address the question asked. Consider turning the question around to restate and answer the question. (Stair)

Feedback about the EVIDENCE:

- Your evidence supports your claim. (Star)
- Although your evidence does support your claim, there are errors in your computation. (Stair)
- Your math is clear, easy to read, and organized. (Star)
- Your math is difficult to follow because of your lack of organization. Consider putting your work into a (table, graph, etc...) (Stair)
- Your evidence does not support your claim.
 - Rethink your strategy
 - Check your operation
 - Consider using the appropriate tool
 - Etc...

Feedback about the WARRANT:

- Your warrant explains how the evidence is relevant. (Star)
- Your warrant is specific. You stated a math "rule". (Star)
- Your warrant does not support all of your evidence. Look at ALL of the different pieces of evidence you provided to complete your warrant. (Stair)
- You don't have a warrant. Explain your evidence. How do you know your evidence is valid? (Stair)
- Is there a mathematical rule that makes your evidence true? (Stair)