

### Category System - Coding StoichTutors' Feedback-Text

Category	Explanation	Example
1 Correctness Feedback	Correctness Feedback directly states if a given answer is correct or incorrect, without giving further information or hints.	<ul style="list-style-type: none"> <li>• "Well done! Keep it up!"</li> <li>• "This entry is wrong."</li> </ul>
2 Explicit Correction	Explicit correction gives the student the correct answer by providing the correct form or result. (Lyster & Ranta, 1997)	<ul style="list-style-type: none"> <li>• "Since we are converting from moles we select mol in the marked box."</li> <li>• "You can write 1 for the denominator."</li> </ul>
3 Indirect Feedback	Indirect feedback indicates the presence of an error without directly saying what the error is. It provides hints or clues about the correct answer without providing the correct answer. (Budiana & Mahmud, 2020)	<ul style="list-style-type: none"> <li>• "You can convert the amount of substance from grams to moles by using the molar mass."</li> <li>• "Remember, the molar mass of Fe is 55,847 g Fe/mol Fe."</li> </ul>
4 Non Correctional Feedback (Elicitation + Metalinguistic Feedback)	Non correctional feedback directly states that a mistake was made and guides the learner via comments, questions or hints to correct their mistake themselves. (Lyster & Ranta, 1997)	<ul style="list-style-type: none"> <li>• "Use 6 in this problem, but maybe not in this term."</li> <li>• "H is part of this stoichiometric ratio, but can you cancel it if this substance is in the numerator?"</li> </ul>
5 Next-Step Feedback	Next-Step Feedback are hints requested by learners without prior mistakes explaining part of the problem or next steps to take.	<ul style="list-style-type: none"> <li>• "Determine the amount of substance in moles based on one liter L of the Solution."</li> </ul>