

When assessing students' understanding and ability to conduct a fair test of an experiment, consider if the student:

<ul style="list-style-type: none"> <input type="checkbox"/> demonstrates a thorough understanding of variables and controls and is able to list all possible variables in an experiment <input type="checkbox"/> can suggest a list of creative experiments where variables can be identified <input type="checkbox"/> ensures that experiments performed are tested fairly 	4
<ul style="list-style-type: none"> <input type="checkbox"/> is able to list the variables that can be changed in an experiment <input type="checkbox"/> can suggest a list of experiments where variables can be identified <input type="checkbox"/> is able to report on the fairness of an experiment 	3
<ul style="list-style-type: none"> <input type="checkbox"/> is able to list some of the variables that can be changed in an experiment <input type="checkbox"/> can suggest a few experiments where variables can be identified <input type="checkbox"/> is able to explain some aspect of the fairness of an experiment 	2
<ul style="list-style-type: none"> <input type="checkbox"/> is unable to identify the variables of an experiment <input type="checkbox"/> is unable or incorrectly suggests experiments where variables can be identified <input type="checkbox"/> does not consider fair testing of an experiment 	1

