# Testing

* Test that your layouts are displaying correctly on different web browsers at relevant sizes.
* Test that your quizzes are working properly
  + Run each quiz at least three times
  + Test that the questions are random (not the same 10 questions each time)
  + Test that questions that can present as both multi-choice or textbox can show up as either
  + Test that questions that can only present as **either** of multi-choice or textbox show up correctly
  + Test that the results page displays the proper results

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| Quiz being tested | 10 random Qs | Correct Q types | Expected results | Actual results | Comment(s) |
| Ngati Toa | No (Limit 3) | No | 10 quiz questions | Wrong Q Type | Random question types not working |
| Ngati Toa | No (Limit 3) | Yes | 10 quiz questions | All Correct Types | Fixed random question type |
| Ngati Toa | Yes | Yes | No Answer doesn’t submit | Submits | Run some validation JavaScript code |
| Ngati Toa | Yes | Yes | No Answer doesn’t submit | Doesn’t submit | Validation code works. Popup appears |
| Ngati Toa | Yes | Yes | Correct Answer Alert | Alerts the user | Added “Correct Answer” Popup |
| Ngati Toa | Yes | Yes | Incorrect Answer Alert | Alters the user | Added “Incorrect Answer” Popup |
| Ngati Toa | Yes | Yes | Enter button submits | Does nothing | Add keyboard functionality |
| Ngati Toa | Yes | Yes | Enter button submits | Enter submits | Added keyboard functionality for power users |
| Onslow College | Yes | Yes | Working quiz | Quiz works | Fixed everything during previous development |
| Johnsonville | Yes | Yes | Working quiz | Quiz works | Fixed everything during previous development |
| Wellington | Yes | Yes | Working quiz | Quiz works | Fixed everything during previous development |
| School Values | Yes | Yes | Working quiz | Incomplete DB | Fix the INSERT INTO entries in the SQL code |
| School Values | Yes | Yes | Working Quiz | Working quiz | Correct answers inserted into database correctly |

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| **Testing:** | **Comment:** | **Result:** |
| **Google Chrome** | | |
| **Home Page**  1920 x 1080  Chrome | Home page works fine on this resolution |  |
| **Quiz Page**  1920 x 1080  Chrome | Quiz Pages work as expected |  |
| **Result & Highscore**  1920 x 1080  Chrome | Result and Highscore pages work as expected |  |
| **Home Page**  1024 x 768  Chrome | Home page works fine on this resolution |  |
| **Quiz Page**  1024 x 768  Chrome | Quiz Pages work as expected |  |
| **Result & Highscore**  1024 x 768  Chrome | Result and Highscore pages work as expected­ |  |
| **Microsoft Edge** | | |

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| **Home Page**  1920 x 1080  Microsoft Edge | Home page works fine on this resolution | Graphical user interface, application, website  Description automatically generated |
| **Quiz Page**  1920 x 1080  Microsoft Edge | Quiz Pages work as expected | Graphical user interface  Description automatically generated |
| **Result & Highscore**  1920 x 1080  Microsoft Edge | Result and Highscore pages work as expected |  |
| **Home Page**  1024 x 768  Microsoft Edge | Home page works fine on this resolution | Graphical user interface  Description automatically generated |
| **Quiz Page**  1024 x 768  Microsoft Edge | Quiz Pages work as expected |  |
| **Result & Highscore**  1024 x 768  Microsoft Edge | Result and Highscore pages work as expected­ | Graphical user interface, application  Description automatically generated |