

Quizzes in NASPA Zyzzyva Mobile

The **Quiz** tab presents you with letter combinations and challenges you to find valid anagrams for each combination. The basic quiz type, called a Standard Quiz, is based on the results of a word search. The other type, called a **Cardbox Quiz**, is a spaced-repetition quiz for increased learning and retention.

Cardbox quiz data and saved Standard quizzes can be synced between your mobile devices (and the NASPA Zyzzyva application on desktop devices) via cloud services using data synchronization.

Basic Quiz Mechanics

Every quiz consists of a number of questions, which are presented sequentially from beginning to end. After starting a quiz by choosing **New Quiz** or **Load Quiz** from the **Action** menu, NASPA Zyzzyva Mobile will present questions one at a time. For each question, try to guess the valid anagrams; then press the **Check** button to reveal the answers.

Pinch with two fingers to make the listed words larger or smaller.

If you determine that you missed some anagrams, press the **Missed** button to mark the question as missed. If you press the **Missed** button by mistake, press the **Correct** button to mark the question correct again.

Once the current question is complete, the rightmost button becomes a **Next** button, which takes you to the next question in the quiz.

Your performance on the current quiz can be reviewed at any time by pressing the **Action** button on the toolbar and choosing the **Analyze Quiz** action. For convenience in reviewing your final results, the rightmost button becomes an **Analyze** button once all questions are completed.

If you need a hint, press the **Hint** (light bulb) button to highlight the first letter of each correct answer in turn.

Press the **i** (info) button to see a summary of the quiz specification.

Standard Quiz

When choosing **New Quiz** from the **Action** menu, you will be presented with the choice of a Standard or Cardbox quiz.

When you choose a Standard quiz, the following options apply:

- **Quiz Name** - A name for the quiz so you can save your progress and continue where you left off. If unspecified, the quiz name will be *Untitled*.
- **Lexicon** - The lexicon from which the questions and answers will be gathered.
- **Search** - A list of words that will be presented during the quiz. These words are found by doing a search.

At any time during a Standard quiz, you can choose **Restart Quiz** from the **Action** menu to repeat the quiz. If you have missed some answers, you can also choose **Quiz from Missed** to revisit only those questions.

Cardbox Quiz

The Cardbox system is like a big bucket of words. Whenever you add words to the bucket, NASPA Zyzzyva Mobile starts keeping track of how well you anagram those words and will schedule them to be seen at appropriate intervals. When you solve an anagram well, NASPA Zyzzyva Mobile will progressively schedule it to be seen less often by moving it to a higher numbered box. When you have trouble with an anagram, NASPA Zyzzyva Mobile will schedule it to be seen more frequently by moving it back down to Cardbox 0. This technique of spaced repetition helps you practice difficult words often and retain your word knowledge.

Before taking a Cardbox quiz, you must first add words to the Cardbox system. Do this by going to the **Search** tab and finding a list of words you want to add. It's best to start with a small list and add words incrementally over time. To add the search results to the Cardbox system, choose **Add to Cardbox** from the **Action** menu.

Now that you have words in the Cardbox system, you can start a Cardbox quiz. A Cardbox quiz is like a small window into the large bucket of words. A Cardbox quiz won't present you with every word in the bucket; it will only present the

words that Zyzzyva thinks you need to see now. These words are considered due.

When choosing **New Quiz** from the **Action** menu on the **Quiz** tab, you will be presented with the choice of a Standard or Cardbox quiz. When you choose a Cardbox quiz, the following options apply:

- **Lexicon** - The lexicon from which the questions and answers will be gathered.
- **Question Order** - The order in which questions will be presented. The default value is *Schedule*, which presents questions in the order they became due. You also have the option to prioritize questions that are in Cardbox 0 (the ones you just added or recently got wrong), or to order the questions by Cardbox number or word length.
- **Limit by Search** - A list of words that limits the quiz questions. During the quiz, only words in this list will be presented. No other questions will be presented, even if they are due.

At any time during a Cardbox quiz, you can choose **Refresh Questions** from the **Action** menu. The quiz will be refreshed to include any additional questions that have become due since the original quiz began and to reset its analysis counters.

Analyze Quiz

The **Analyze Quiz** dialog displays some helpful information about the current quiz:

- **Quiz Progress** - The fraction and percentage of questions that have been completed.
- **Question Recall** - The fraction and percentage of completed questions that have been answered correctly. Even if a question has multiple responses, only the question as a whole is counted.
- **Response Recall** - The fraction and percentage of responses that have been given correctly in completed questions. When a question has multiple responses, each response is counted separately.
- **Missed Responses** - A list of all question responses that were not given correctly.

While on the **Analyze Quiz** dialog, you can press the **Action** button on the upper left to reveal some actions.

- **Add Missed to Cardbox** - Adds all the missed responses to the Cardbox system.
- **Quiz from Missed** - Begins a new quiz over only the missed responses.