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Your satisfaction is important to us. We're happy to assist you over the phone or via email. Please contact us directly at: **+1-844-606-7513** or [RAPsupport@kingdevicktest.com](mailto:RAPsupport@kingdevicktest.com)

## **About the King-Devick Reading Acceleration Program (K-D RAP)**

- ✓ Randomized, controlled, clinical studies have demonstrated that using the K-D RAP program for 20-minute sessions, 3 times per week for 6 weeks significantly improved reading performance in early elementary students.
- ✓ There was a ***2x increase in reading fluency*** and ***5x increase in reading comprehension*** following K-D RAP. The improvements remained stable at the longitudinal one-year follow-up.
- ✓ After 6 weeks, practice may be continued based on the student’s progress. It may be beneficial for lower performing individuals to continue RAP Practice for more than 6 weeks.

### **K-D RAP System Requirements**

Device	Computer or Laptop	iPad <sup>®</sup>
App	app.readingacceleration.com	App Store <sup>SM</sup>
Screen Size Minimum	13” or Larger	9.7”
Screen Aspect Ratio	16:9 or 4:3	-
Resolution	1024 x 768 and above	-
Internet or Wi-Fi Needed	Yes	Yes
Operating System	Windows 7+, Mac OS 10+, Chrome OS, Linux	8.0 or later
Compatible Browsers	IE8+, Edge, Chrome, Firefox, Safari	-

### **Accessing K-D RAP Online**

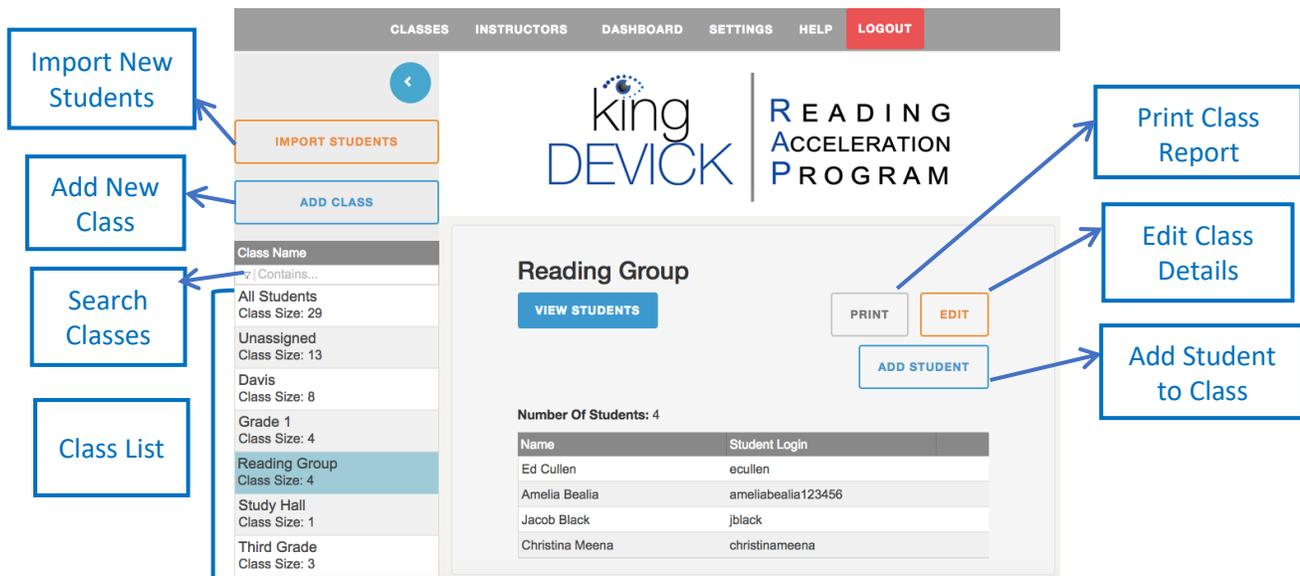
1. Launch your web browser and maximize your browser window.
2. Go to: <https://app.readingacceleration.com/>.
3. Login with your K-D RAP Administrator Username and Password.

### **Forgotten Password**

If you’ve forgotten your password, you may reset it by clicking on “Forgot your Password?” Enter your K-D RAP username email. Click “Reset” and you will receive a time sensitive link via email to reset your password.

# King-Devick Reading Acceleration Program (K-D RAP) Features

## Classes Details Page



### Import Students

Import multiple students to your K-D RAP account.

### Add a New Class

The K-D RAP allows you to add Classes to help organize Students. See [Classes](#).

### Search Classes

Quickly search for a Class by using the search field. Use the filter to narrow your search.

### View All Students

Click "All Students" to view All Students in your K-D RAP account.

### View Unassigned Students

Click "Unassigned" to view Students not currently assigned to any Classes.

### View Students in Class

Click "View Students" to view all the Students in the selected Class.

### Print Class Report

Click "Print" to generate a Class Report to quickly view Students' current status and progress.

### Edit Class

Click "Edit" to make changes to the Class Name, add or remove Students, or delete the Class.

### Add New Student to Class

Click "Add Student" to add a new Student to the selected Class.

### Instructors

Click "Instructors" from the toolbar to view, add or edit Instructors

### Dashboard

Click "Dashboard" from the toolbar to view account details, import and export data.

### Settings

The display requires calibration to standardized size. Click "Settings" from the toolbar and use a ruler or standard letter page (8.5 x 11 inches) to calibrate your display.

### Log Out

Securely log out of your K-D RAP account.

## Student Profile & Details

The screenshot shows the 'Student Profile & Details' page for Anthony Andrews. The page includes a navigation bar with 'CLASSES', 'INSTRUCTORS', 'DASHBOARD', 'SETTINGS', 'HELP', and 'LOGOUT'. The main content area displays student information, a speedometer, weekly status, and a 'Details & Statistics' section with a table and two graphs.

Callout boxes point to the following features:

- Add New Student:** Points to the 'ADD NEW' button.
- Edit Student Details:** Points to the 'EDIT' button.
- Print Student:** Points to the 'PRINT' button.
- Speedometer adjust to desired practice speed:** Points to the speedometer control.
- Weekly status toward Goals:** Points to the three circular progress indicators.
- Administer a K-D Test, an Assessment or Practice:** Points to the 'KING-DEVICK TEST', 'ASSESSMENT', and 'PRACTICE' buttons.
- Details include practice and assessment results:** Points to the 'DETAILS' tab in the 'Details & Statistics' section.
- View Summary results or by Week or Day:** Points to the 'SUMMARY', 'WEEKLY', and 'DAILY' tabs.
- Scroll <</> to view previous results:** Points to the navigation arrows in the 'Details & Statistics' section.
- Graphs display practice history:** Points to the two line graphs at the bottom.

### Add a New Student

Add Students to your K-D RAP Account and assign them to a Class. See [Adding a Student](#).

### Search for a Student

Quickly search for a Student by using the search field. Use the filter to narrow your search.

### Edit Student Details

Click "Edit" to make changes to the Student details such as Name, Student Id, Date of Birth, Goals, Instructor name or Password. See [Editing a Student](#).

### Print Student Report

Click "Print" to generate a Student Report and view current status and a progress summary.

### King-Devick Test

Click "King-Devick Test" to administer a King-Devick Test Eye Movement Screening for Reading. See [Administer a King-Devick Test](#).

### Assessment

Click "Assessment" to administer an Assessment. See [K-D RAP Assessment](#).

### Practice

Click "Practice" to begin Practicing. See [K-D RAP Practice](#).

### Details

Click "Details" to view Practice, Assessment and King-Devick Test summaries.

## Calibrate Your Screen

K-D RAP has been validated for a standardized test size therefore calibration of the display is required before use. You can choose to calibrate your screen with either a ruler or a Letter sized (8.5" x 11") sheet of paper.

1. Click on "Settings" from the toolbar.
2. Select to "Use Ruler" or "Use Letter Page".
3. Hold up a ruler or letter page to your computer screen to match the display on the left corner.
4. Drag the displayed ruler or letter page image from the right to match the size of your ruler or letter page.
5. When the horizontal distance of the 5 inches on the ruler image matches 5 inches on your ruler or the letter page image matches your letter page size, click "Done" to save.

### Calibration

The King-Devick Test has been validated for a standardized test size therefore calibration of the display is required before use.

You can choose to calibrate your screen with either a ruler or a 8.5 x 11 inch Letter sized sheet of paper.

[USE RULER](#) [USE LETTER PAGE](#)

**RESET** **DONE**

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[USE RULER](#) [USE LETTER PAGE](#)

**RESET** **DONE**

**To Calibrate your display:**

- Hold a ruler up to the screen
- Adjust the size of the on-screen red ruler using the red arrows at the left to match 5 inches on your ruler
- When finished, click on DONE

If you change the display or display resolution, the system will need to be recalibrated.



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[USE RULER](#) [USE LETTER PAGE](#)

**RESET** **DONE**

**To Calibrate your display:**

- Hold a letter sized sheet of paper up to the screen
- Adjust the size of the on-screen sheet to match your letter size sheet of paper.
- When finished, click on DONE

If you change the display or display resolution, the system will need to be recalibrated.



## **Add a New Student**

Add a new Student's details to your account. This function is available to K-D RAP Administrators.

1. From the All Students view, click "Add New". Alternatively, to add a Student to an already existing Class, select the Class from the Class Details Page and click "Add Student" or click "View Students" then "Add New".
2. Enter the Student First Name, Middle, Last Name, Student Id, Date of Birth, select the checkbox if the Student wears glasses or contact lenses.
3. Checking the 'Require King-Devick Test' box will allow you to run a King-Devick Test Eye Movement Screening Test for Reading. Unchecking the 'Require King-Devick Test' box, allows you to manually set the Initial Speed in Numbers per Minute (NPM).
4. Check the "Practice Accuracy Check" box when adding a new student to allow K-D RAP to use your device microphone and speech technology to provide automatic accuracy estimates during your Student's K-D RAP practice.
5. Alternatively, checking the 'Require Quick Assessment' box will allow you to run an assessment to determine an appropriate beginning K-D RAP practice speed. Unchecking the 'Quick Assessment' box, allows you to manually set the Initial Speed in Numbers per Minute (NPM).
6. Enter the Student Instructor name and Password the Student will use to login.
7. Click 'Create' when complete. The new Student will appear in the Student List.

### **Import Students**

Add multiple students to K-D RAP. This function is available to K-D RAP Administrators only.

1. From the All Students view, click "Import Students".
2. Download a sample Comma Separated Values (CSV) sheet.
3. Follow the format of the sheet to enter in your students' information.
4. Click "Next" to upload your students sheet, then "Browse" to locate your file.
5. Click "Next". Your students' information will be synced with your account.

### **Edit Student Details**

Edit Student details to reset a Student's password, archive a Student or set goals.

1. Select the Student from the Student list and click 'Edit'.
2. Check the "Practice Accuracy Check" box to automatically display accuracy following K-D RAP Practice.
3. Make further necessary changes to the Student's details.

### **Goals**

Set a Student's goals for weekly practice (i.e. 4 days a week, for 15 minutes each day). Refer to the Protocol section for recommended practice schedules. Set daily, weekly and numbers per minute speed goals. Goals will be displayed on the Student profile and gauges will reflect weekly status and progress toward the Student's goals.

**Goals**

Minutes per Day

Days per Week

Numbers per Minute

[ARCHIVE](#) [RESET PASSWORD](#) [SAVE CHANGES](#) [CANCEL](#)

**Archive**

Archiving a Student removes the Student from the Student list and is useful for Students that have completed K-D RAP. Archived Students may be reactivated at a later time.

**Reset Password**

Click 'Reset Password' under Edit Student to reset a Student's login password. Click 'Save changes' to save and return to the Home Screen.

**Classes**

K-D RAP allows you to organize your Students into Classes. This function is available to K-D RAP account Administrators and Instructors with access to Classes and/or all Students.

1. In Classes, click "Add New".
2. Enter the Class Name. Check the box to add any current Students.
3. Click "Create" when complete.

**Grade 1**

[VIEW SUBJECTS](#) [PRINT](#) [EDIT](#)

[ADD NEW SUBJECT](#)

**Edit Class**

Click "Edit" to change the team name, add or remove Students.

**Print Class**

Click "Print" to view and print a Class Report.

**View Class**

Click "View Students" to view Students in the selected Class.

**Instructors**

**Add New Instructor**

As the administrator of your K-D RAP account, you may add Instructors to your K-D RAP account with separate logins and full or limited visibility of Students by Class. Edit Instructor login details and team access here.

1. Click “Instructors” from the toolbar.
2. Click “Add School Instructor”.
3. Enter the Instructor details: Username, Recovery Email, First Name, Middle, Last,.
4. To allow the Instructor full access to ALL Students, check the box “Instructor can access all Students, including adding/editing them”. Click “Save & Exit”.  
Alternatively, give the Instructor access to specific Classes by checking the box next to a Class.
5. Click “Create” to create the Instructor and return to Account page.

### **Import Instructors**

As the administrator of your K-D RAP account, you may import multiple Instructors to your K-D RAP account.

1. Click “Instructors” from the toolbar.
2. Click “Import Instructors”.
3. Download the sample Comma Separated Values (CSV) excel spreadsheet to use as a template for entering your Instructor information.
4. Click “Next”, then “Browse” to upload your Instructor spreadsheet. Click “Next”.
5. Your newly imported Instructors should display in your K-D RAP account.

### **Edit Instructor Details**

As the administrator of your K-D RAP account, you may add Instructors to your K-D RAP account with separate logins and full or limited visibility of Students by team. Edit Instructor login details and team access here. See [Add New Instructor](#).

1. Click “Instructors” from the toolbar.
2. Select the Instructor from the left pane Instructor list. Click “Edit”.
3. Make any necessary changes to the Instructor details.
  - Check the box “Instructor can access all Students, including adding/editing them” to give the Instructor access to all Students.
  - Give the Instructor access to specific Classes by checking the box next to a Class.
4. Click “Save Changes” to save and return to Account.

## **Maintenance**

Maintenance of your K-D RAP Account allows you to Import Data and Export Data.

### **Import Data**

Quickly and easily import Instructors and Students into your K-D RAP account.

1. Click “Dashboard” from the toolbar.
2. Click “Import Students” to add multiple students to your account.
3. Click “Import Instructors” to add multiple instructors to your account.
4. Use the sample CSV file available in the instructions to organize your Instructor and Student spreadsheet.
5. Follow the data import process instructions.

### **Export Data**

Export Data allows you to quickly download and export your current account data.

1. Click "Dashboard" from the toolbar.
2. Click "Data Export".
3. The summary will automatically begin downloading as an Excel file.

## **Administer a King-Devick Test**

The King-Devick Test Eye Movement Screening Test will automatically compare test results to age-based performance on speed and accuracy and assist in determining an appropriate beginning K-D RAP practice speed. Administer a King-Devick Test following K-D RAP practice protocol to aid in identifying Students who are still performing below average and may benefit from continued training.

1. Select the appropriate Student awaiting King-Devick Test from the Student list.
2. Click "King-Devick Test".
3. The instructional page appears. Read this in its entirety.
4. The test administrator will need a scoresheet to keep track of errors committed by the Student. Scoresheets are available under testing materials.
5. Click "Start King-Devick Test" to begin.
6. Following the K-D Test, enter the number of errors, tester's initials and any comments. Then click "Confirm".
7. The results screen displays the Student's speed and accuracy performance and overall result. Click "Save Test".
8. The speedometer is adjusted to the recommended starting speed based on the King-Devick Test performance and the Student is ready to begin practice.

## **Administer a Quick Assessment**

A Quick Assessment assists in determining an appropriate beginning K-D RAP practice speed.

1. Select the appropriate Student awaiting quick assessment from the Student list.
2. Click "Quick Assessment".
3. Read the Quick Assessment instructions carefully.
4. For scoresheets, click "Assessment Key" on top Toolbar. Use the Quick Assessment key to keep track of the Students' errors during the test.
5. Click "Start Quick Assessment" to begin.
6. Enter the number of errors on the results page and click "Continue".
7. The Student's recommended starting speed is displayed. Click "Continue" to return.
8. The speedometer is adjusted to the recommended starting speed and the Student is ready to begin practice.

## **K-D RAP Practice**

Practice consists of 3 Practice Cards presenting numbers that appear and disappear in a left-to-right, top-to-bottom order. The presentation speed is adjustable.

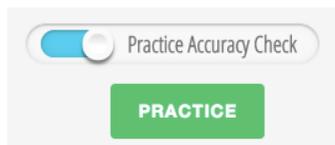
- Practice Card I: number targets are connected by lines to direct the Student to the next number target
  - Practice Card II: guide lines are removed and only number targets are displayed
  - Practice Card III shows numbers only and the rows are closer together
1. Select the Student from the Student List to display the Student's profile.
  2. For the first session, the recommended speed (numbers per minute) will be automatically generated and displayed on the speedometer based on the Quick Assessment or King-Devick Test, if completed. Alternately, the starting speed can manually be set if no Quick Assessment or King-Devick Test was performed. When adjusting the speed initially, it may take a couple of practice runs to determine the appropriate speed for the first practice session. The Student must see and say each number that appears on the screen aloud. The goal is for the Student to practice at the fastest speed possible with no errors. If the Student cannot keep up at a given speed, adjust to a slower speed until the Student is able to achieve 100% accuracy.

### **Recommended starting speed by age**

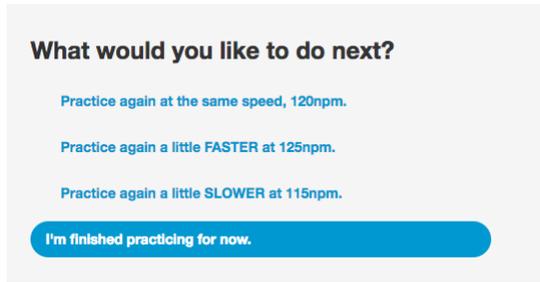
<b>Age (years)</b>	<b>Speed (npm)</b>
6	40
7	50
8	70
9	75
10	85
11	105
12	110
13	115
14+	120

**Practice Accuracy Check:** The Practice Accuracy Check feature uses your device microphone and speech technology to provide automatic accuracy estimates during your subject's K-D RAP practice. Once the K-D RAP Administrator has checked the Practice Accuracy Check box in the Student's profile (See [Edit Student](#)), the Practice Accuracy Check feature is now available.

- ✓ The Practice Accuracy Check feature can be toggled ON or OFF.



3. Click "Practice" to begin practicing.
4. After one practice round, or Practice Cards I-III, select how you would like to proceed then click "Continue".



5. If you have the Practice Accuracy Check feature turned ON, following completion of 1 Practice round or 3 Practice Cards, the estimated accuracy percentage based on the accuracy check results will display. Try to shoot for 100% accuracy before increasing the practice speed.

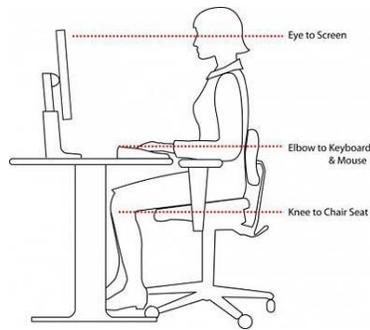


## Practice Protocol

- ✓ Randomized, controlled, clinical studies have demonstrated that using the K-D RAP program for **20-minute sessions, 3 times per week for 6 weeks** significantly improved reading performance in early elementary students. The improvements remained at the longitudinal one-year follow-up.
- ✓ After 6 weeks, treatment may be continued based on the Student's progress. It may be beneficial for lower performing individuals to continue RAP Practice for more than 6 weeks.
- ✓ **Session length:** If 20-minute sessions provoke symptoms or are difficult to incorporate into the Student's schedule, consider individualizing the protocol based on Student's symptoms, attention and concentration ability.
  - 5-minute sessions twice per day, 6 days per week
  - 10-minute sessions 6 days per week
  - 15-minute sessions 4 days per week

## Practice Instructions

- ✓ **Posture.** The Student sits with good posture, approximately arm's length from the screen, with the eyes level at the top of the screen.



- ✓ **Head Position.** During practice, the Student should hold the head still and move the eyes only. Tip: For Students with excessive head movement, place a bean bag on the Student's head for feedback.
- ✓ **Rapid Number Naming.** Once practice begins, the Student says each number out loud, left-to-right, top-to-bottom as quickly and accurately as possible.
- ✓ **Adjusting Practice Speed.** The goal is to achieve the fastest speed (numbers per minute) with no errors. It may take a few trials to find the ideal practice speed. If the Student is having difficulty keeping up or has excessive errors, adjust to a slower speed. If the Student is able to see and say all numbers presented without difficulty, increase the speed by 5 numbers per minute. 100% accuracy should be achieved for three practice rounds, or nine Practice Cards, before increasing the speed.

## Practice Loading

- ✓ Consider adding the following exercises to increase the difficulty of the learning task and capture attention with new training activities. The Student is to continue reading the number targets presented.
- ✓ Techniques to increase attention and difficulty:
  - **Number of the day.** Pick a 'number of the day' between 0 and 9. Have the Student clap or snap any time he or she says the 'number of the day'. To increase the difficulty, select two 'numbers of the day', and have the Student clap at one number and snap at the other number. For example, the Student claps when calling out the number 5 and snaps for 2.
  - **Number memory.** Pick a number between 0 and 9. Have the Student remember how many of that given number she or he saw in a test card. If this memory task is too difficult, have the Student keep track of how many of the given numbers was seen by keeping track using finger-counting.
  - **Number replacement.** Replace another word with the 'number of the day'. For example, have the Student say her or his favorite food for the number '0'.
  - **Whisper number.** The Student calls out all numbers in a normal voice volume except one specified number, which the Student whispers.
  - **Mystery speed.** After practicing at length at the Student's current speed, change things up, by picking a mystery speed for the Student to try. Have the Student close his or her eyes as to not see the 'mystery speed', then have the Student open their eyes to begin once clicking the Practice button. To increase the difficulty, have the Student guess what the mystery speed is.
  - **Team number.** Pick a number, have the Student give the administrator a 'high five' when the Student identifies or calls out a certain number.

## **K-D RAP Practice App for iPad**



- ✓ You may download the companion K-D RAP Practice App from the iTunes store.
- ✓ This is a companion application and available with compatible sized iPads.
- ✓ The K-D RAP Practice App requires an internet connection for initial log in and regular synchronization and is designed for Student level log in and practice.
- ✓ Student's RAP practice using the K-D RAP Practice App automatically syncs with the Student's account, so the administrator will be able to view all K-D RAP practice sessions.

## **K-D RAP Assessment**

Assessments allow the administrator to test and record the Student's accuracy at a specific speed.

1. Select the Student from the Student List to display the Student's profile.
2. For scoresheets, click 'Assessment Key' on top Toolbar. Use an Assessment Set (A through J, which offer assessment variations in number sequences) to keep track of errors during the assessment.
3. Adjust the Speedometer to the desired speed or use the last practiced speed to assess accuracy.
4. Click 'Assessment'. Read the instructions carefully.
5. You can readjust the speed by clicking 'Slower' or 'Faster'. Instruct the Student to call out the numbers quickly and accurately as they are displayed.
6. To begin the Assessment, click on an Assessment Set (A through J, be sure to have the corresponding scoresheet to check for errors).
7. After completing the Assessment, enter the number of errors, tester's initials, and any comments. Click 'Continue' to save.
8. Results are displayed. Adjust the Student's practice speed based on accuracy performance on the Assessment results. The goal is 100% accuracy at a speed before continuing to higher levels of practice.

## **Troubleshooting & Technical Support**

Your satisfaction is important to us. We're happy to assist you over the phone or via email. Please contact us directly at: **+1-844-606-7513** or [RAPsupport@kingdevicktest.com](mailto:RAPsupport@kingdevicktest.com)

### **Can't log in**

Check your internet connection. K-D RAP requires a working internet connection to log in and use the program.

Contact us at: [RAPsupport@kingdevicktest.com](mailto:RAPsupport@kingdevicktest.com) if the problem persists.

### **Forgot my password**

If you've forgotten your password, email [RAPsupport@kingdevicktest.com](mailto:RAPsupport@kingdevicktest.com).

### **Can't find a Student**

If the Student was archived, check the box 'Show Archived Students' to view archived Students

Email our support team at [RAPsupport@kingdevicktest.com](mailto:RAPsupport@kingdevicktest.com) for further questions.

## Contact Details

### Corporate Headquarters

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