



eALPHA

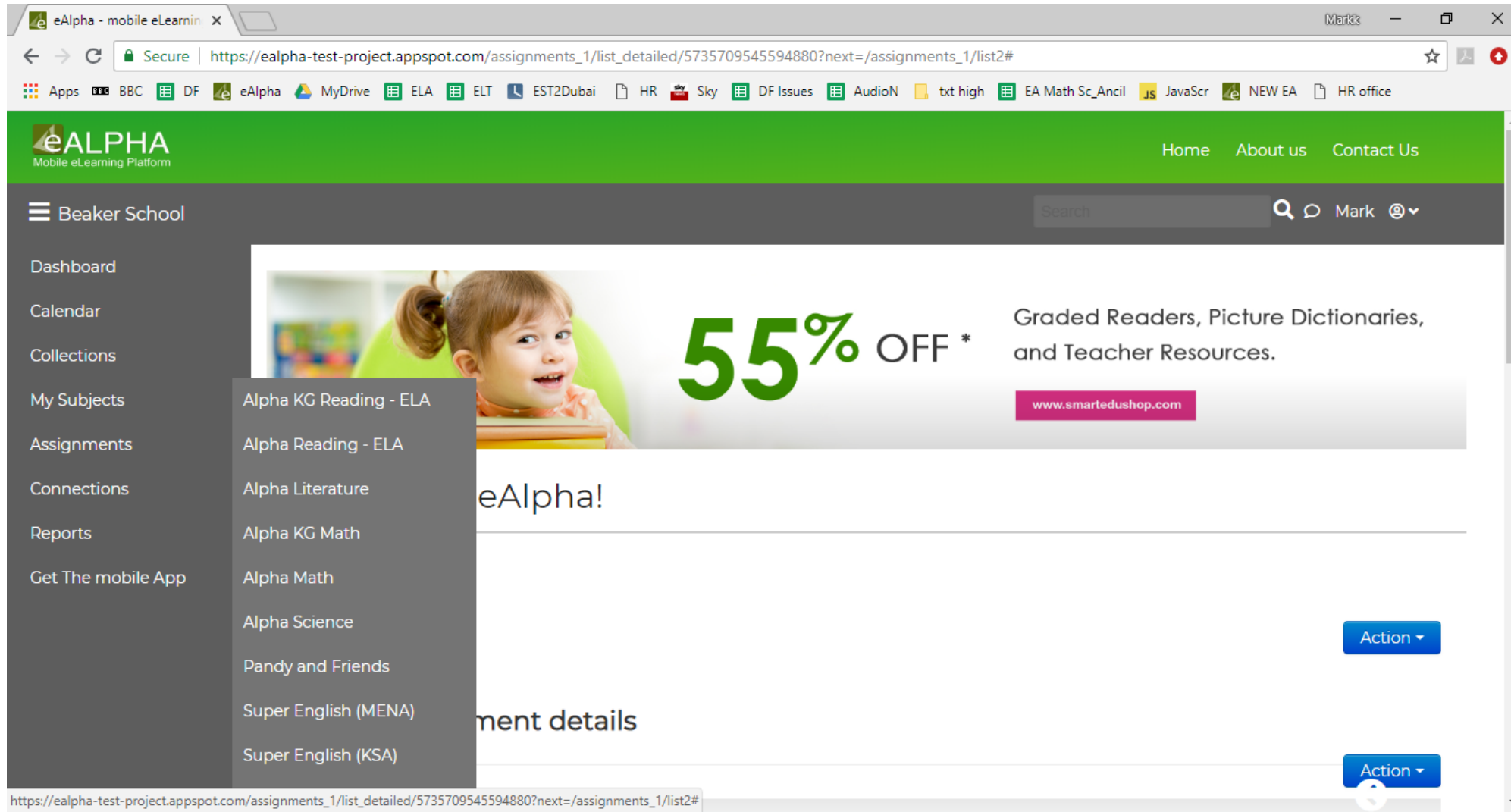
Mobile eLearning Platform

My Subjects – Math

My Subjects – Math

Access to your content is now found from the left-hand menu – *My Subjects*.

Here you can select any of the Math series to which you have access from the drop-down menu which appears.



The screenshot shows a web browser window displaying the eALPHA mobile eLearning platform. The browser's address bar shows the URL: https://ealpha-test-project.appspot.com/assignments_1/list_detailed/5735709545594880?next=/assignments_1/list2#. The browser's toolbar includes various icons for apps, BBC, DF, eAlpha, MyDrive, ELA, ELT, EST2Dubai, HR, Sky, DF Issues, AudioN, txt high, EA Math Sc_Ancil, JavaScr, NEW EA, and HR office.

The eALPHA logo is visible in the top left corner, with the text "Mobile eLearning Platform" below it. The top right corner features navigation links for "Home", "About us", and "Contact Us".

The left-hand menu is open, showing the following items: "Beaker School", "Dashboard", "Calendar", "Collections", "My Subjects", "Assignments", "Connections", "Reports", and "Get The mobile App". The "My Subjects" item is selected, and a drop-down menu is displayed with the following options: "Alpha KG Reading - ELA", "Alpha Reading - ELA", "Alpha Literature", "Alpha KG Math", "Alpha Math", "Alpha Science", "Pandy and Friends", "Super English (MENA)", and "Super English (KSA)".

The main content area features a promotional banner for "55% OFF*" on "Graded Readers, Picture Dictionaries, and Teacher Resources" from www.smartedushop.com. Below the banner, the text "eAlpha!" is visible. The page also includes "Assignment details" and two "Action" buttons.

My Subjects – Math

By selecting *My Subjects – Alpha KG Math* or *Alpha Math* you are presented with a menu of the different components within that series: *Teacher Resources, Student Books, Practice Books, Assessments* and *ExamView®*.

The screenshot shows a web browser window with the URL https://ealpha-test-project.appspot.com/courses_1/grid. The page features a green header with the eALPHA logo and navigation links for Home, About us, and Contact Us. A dark sidebar on the left contains a menu for Beaker School with options like Dashboard, Calendar, Collections, My Subjects, Assignments, Connections, Reports, and Get The mobile App. A search bar is located in the top right of the sidebar area. A large promotional banner in the center of the page features a young girl and the text "55% OFF * Graded Readers, Picture Dictionaries, and Teacher Resources." with a link to www.smartedushop.com. Below the banner, the "My Subjects" menu is expanded, showing a list of subjects and their associated components:

- Alpha KG Reading - ELA
- Alpha Reading - ELA
- Alpha Literature
- Alpha KG Math
 - Teacher Resources
 - Student Books
 - Practice Books
 - Assessments
 - Exam View
- Alpha Math
- Alpha Science
- Pandy and Friends
- Super English (MENA)
- Super English (KSA)

At the bottom of the page, there are book covers for "ALPHA MATHEMATICS" labeled "2B".

My Subjects – Math – Teacher Resources

In the *Teacher Resources* section you will find the resources organized by grade.

Alpha Mathematics

[Home](#) / [Alpha Mathematics](#)

[Grade 1](#)

[Grade 2](#)

[Grade 3](#)

[Grade 4](#)

[Grade 5](#)

My Subjects – Math – Teacher Resources

At each grade level in the Teacher Resources section you will find:

1. *Teacher Guides:*

- Split into volumes.
- Include *Scope and Sequence, CCSS Alignment, Glossaries.*
- Give the option to jump to a particular slide, however selecting *Back to Main Menu* takes you to a Contents page with hyperlinks which may be more user friendly.

2. *Yearly Plans* – can be downloaded as Word doc.

3. *Chapter Plans* – can be downloaded as Word doc.

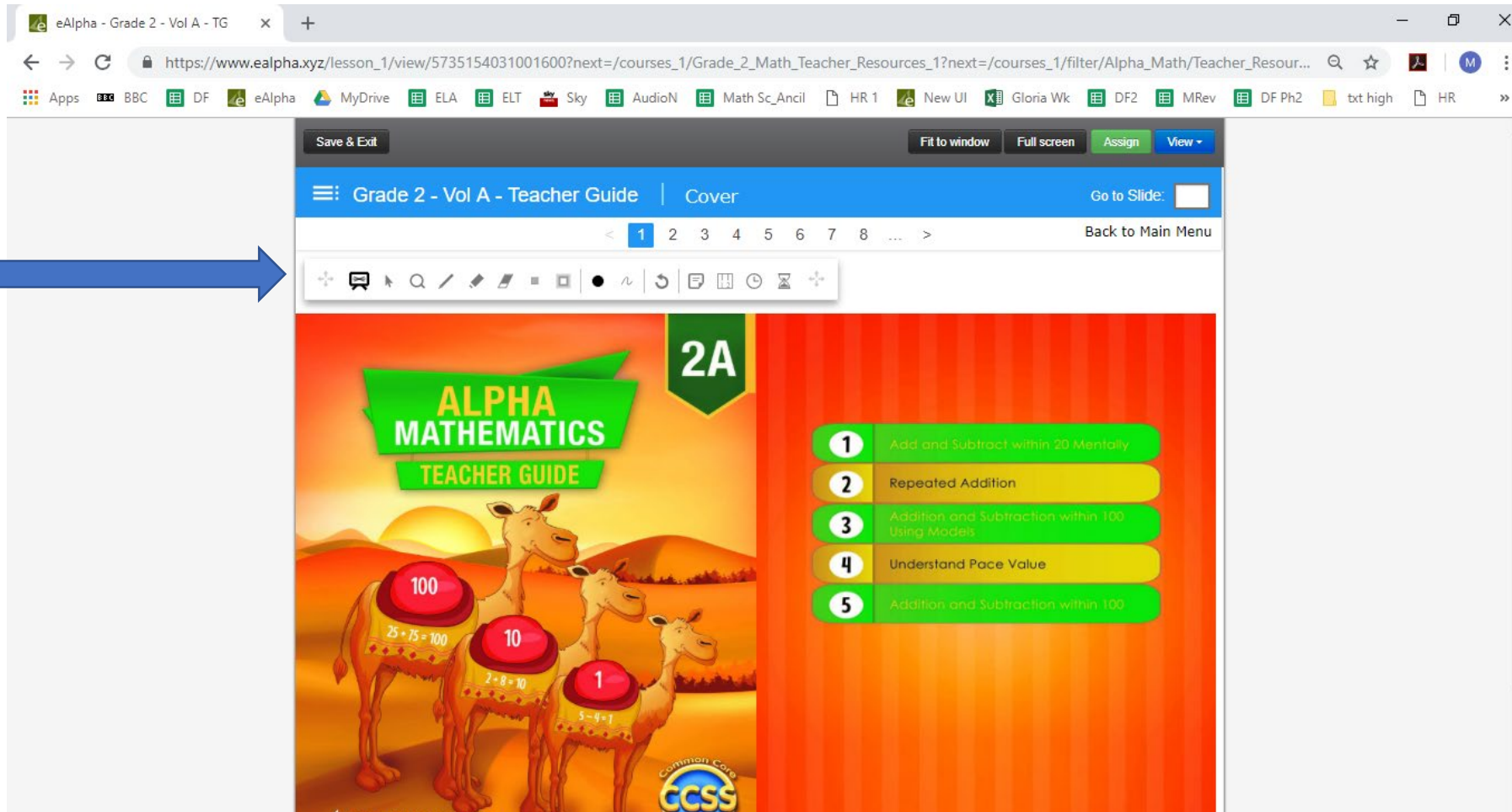
4. *Lesson Plans* – can be downloaded as Word doc.

5. *Ancillaries.*

My Subject – Math - Teacher Guides

My Subject – Teacher Guides – Toolbar

- There is a toolbar available on each page. Click on the icon  to get access to the full toolbar functionality.



The screenshot shows a web browser window with the URL https://www.ealpha.xyz/lesson_1/view/5735154031001600?next=/courses_1/Grade_2_Math_Teacher_Resources_1?next=/courses_1/filter/Alpha_Math/Teacher_Resour.... The browser's address bar and tabs are visible. The main content area displays a slide titled "Grade 2 - Vol A - Teacher Guide" with a "Cover" button and a "Go to Slide:" input field. A navigation bar shows slide numbers 1 through 8, with slide 1 selected. A toolbar is located below the navigation bar, containing icons for zooming, searching, and other functions. A blue arrow points to the speech bubble icon in the toolbar. The slide content features a colorful illustration of three camels in a desert landscape, with the text "ALPHA MATHEMATICS TEACHER GUIDE" and "2A". The camels are carrying packs with math problems: $25 + 75 = 100$, $2 + 8 = 10$, and $5 - 4 = 1$. A list of five topics is displayed on the right side of the slide:

- 1 Add and Subtract within 20 Mentally
- 2 Repeated Addition
- 3 Addition and Subtraction within 100 Using Models
- 4 Understand Place Value
- 5 Addition and Subtraction within 100

The slide also includes the "Common Core CCSS" logo.


My Subject – Teacher Guides – Toolbar

- The toolbar has different functionality buttons.



- 🔍 Zoom – user can zoom in on a picture or text.
- ✍ Pen – user can write using a pen on the pages.
- 🖍 Marker – user can write using a marker on the pages.
- 🧽 Eraser – user can erase anything written by them.
 - Hide area – user can hide an area of the screen (if they do not wish the students to see it when displaying it to them).
 - ▣ Stand area – user can select an area of the screen that is the only part visible.
- Color – user can select the color of the pen or marker.
- ~ Thickness – user can select the thickness of the pen or marker.
- ↶ Undo all – all changes by the user to that page will be undone.

 Add note – user can add a note to page – need to double click on the note to enter text on it.

 Rulers – user can use different ruler options on the screen (ruler, set square and protractor).

 Add clock – inserts a clock with the current time on the page.

 Add stopwatch – inserts a stopwatch on the page.

Any changes you make using the toolbar on a page must be saved using the SAVE & EXIT button on the top left otherwise, the changes are **not** saved.

My Subjects – Math – Student Books

In the *Student Books* section you will find the resources organized by grade.

Alpha Mathematics

[Home](#) / [Alpha Mathematics](#)

[Grade 1](#)

[Grade 2](#)

[Grade 3](#)

[Grade 4](#)

[Grade 5](#)

My Subjects – Math – Student Books

The screenshot shows a web browser window with the URL https://www.ealpha.xyz/courses_1/Grade_2_Volume_A_Alpha_Mathematics_Student_Book?next=/courses_1/filter/Alpha_Math/Student_Book. The browser's taskbar at the top contains various application icons including Apps, BBC, DF, eAlpha, MyDrive, ELA, ELT, Sky, AudioN, Math Sc_Ancil, HR 1, New UI, Gloria Wk, DF2, MRev, DF Ph2, txt high, and HR.

The main content area of the page is titled "Welcome to eAlpha!". Below this, there is a "Back" button and the title "Grade 2 - Volume A - Alpha Mathematics - Student Book" with an access expiration date of "Access until: 11-11-2019".

The "Results" section features three performance metrics in blue bars:

Score	Errors	Time
0	0	00:00:00

The "Table Of Contents" section lists 20 items, with the first item highlighted in blue:

- 1. Add and Subtract within 20 mentally
- 1.0. Starting Point
- 1.1. Addition Properties
- 1.2. Make 10 to Add
- 1.3. Count on to Add
- 1.4. Add Doubles
- 1.5. Three Addends
- Chapter 1. Checkpoint
- 1.6. Subtract All and 0
- 1.7. Count Back to Subtract
- 1.8. Use Doubles to Subtract
- 1.9. Make 10 to Subtract
- 1.10. Think Addition to Subtract

Each item in the Table of Contents has a corresponding "Action" button on the right side.

A dark sidebar on the left contains navigation links: Dashboard, Calendar, Collections, My Subjects, Corrections, Assignments, Connections, Reports, Get the Mobile App, How to use eAlpha, and School Panel. A circular arrow icon is located at the bottom of this sidebar.

My Subjects – Math – Student Books

- Organized by volume, chapter and then lesson.
- There is a *Chapter Checkpoint* in the middle of the lessons.
- At the end of each chapter is the *Chapter Check, Reflection, Reflection Check, Finish Line*, and finally, *Chapter Test*.

My Subjects – Math – Student Books

From the *Action* button you can assign the lesson to a student(s) or preview the lesson, see the details about the lesson.

Dashboard
Calendar
Collections
My Subjects
Corrections
Assignments
Connections
Reports
Get the Mobile App
How to use eAlpha
School Panel

Welcome to eAlpha!

[Back](#)

Grade 2 - Volume A - Alpha Mathematics - Student Book

Access until: 11-11-2019

Results

Score	Errors	Time
0	0	00:00:00

Table Of Contents

- 1. Add and Subtract within 20 mentally
- 1.0. Starting Point
- 1.1. Addition Properties
- 1.2. Make 10 to Add
- 1.3. Count on to Add
- 1.4. Add Doubles
- 1.5. Three Addends
- Chapter 1. Checkpoint
- 1.6. Subtract All and 0
- 1.7. Count Back to Subtract
- 1.8. Use Doubles to Subtract
- 1.9. Make 10 to Subtract
- 1.10. Think Addition to Subtract

Action

- Preview
- Assign
- Reset results
- Details

Action

Action

Action

Action

Action

Action

Action

My Subjects – Math – Practice Books

In the *Practice Books* section you will find the resources organized by grade.

Alpha Mathematics

[Home](#) / [Alpha Mathematics](#)

[Grade 1](#)

[Grade 2](#)

[Grade 3](#)

[Grade 4](#)

[Grade 5](#)

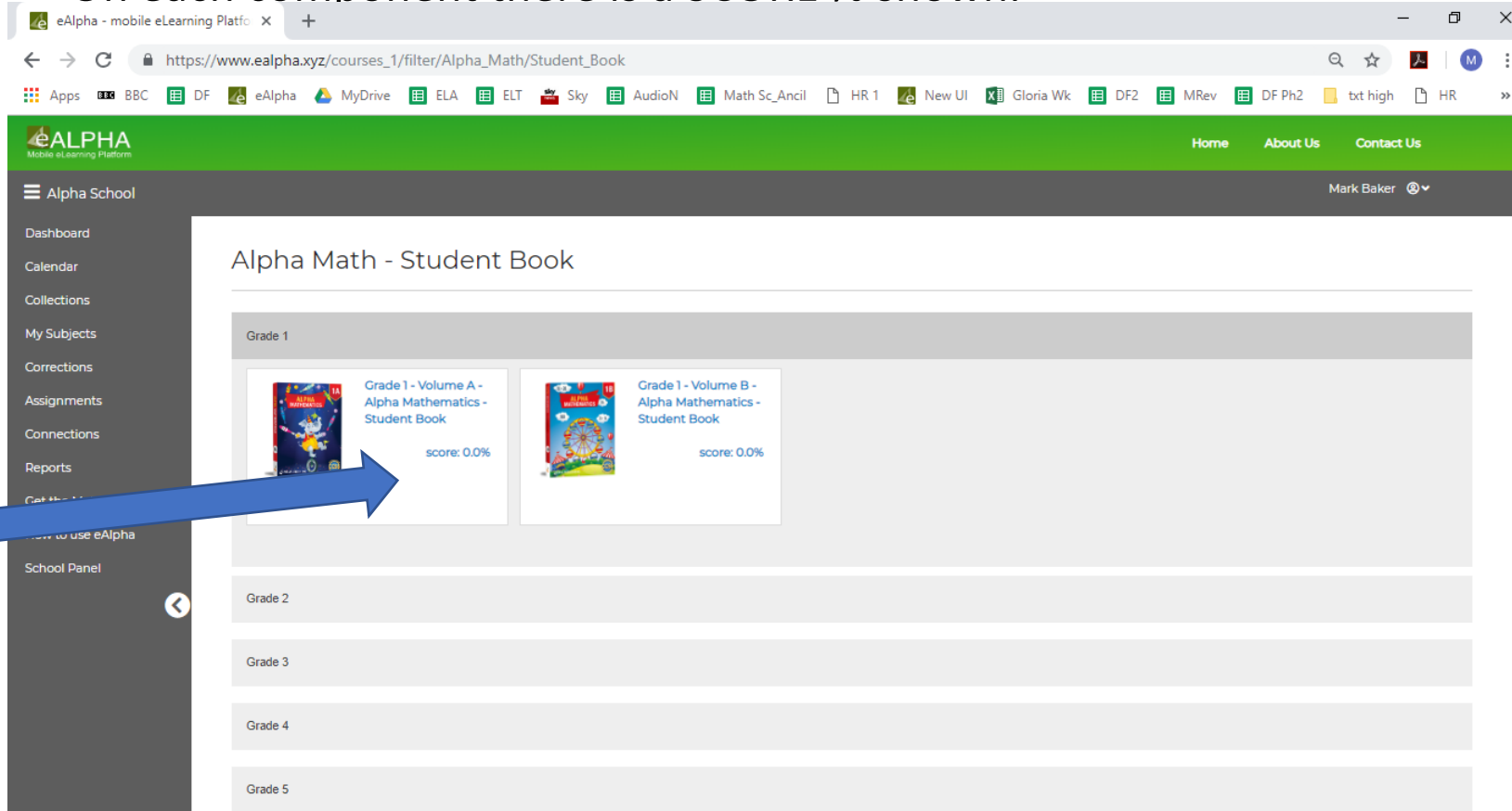
My Subject – Math Component Information

To select your chosen material, click on the title of the component.

The screenshot shows a web browser window with the URL https://www.ealpha.xyz/courses_1/filter/Alpha_Math/Student_Book. The page title is "Alpha Math - Student Book". The interface includes a green header with the "eALPHA Mobile eLearning Platform" logo and navigation links for "Home", "About Us", and "Contact Us". A dark sidebar on the left contains a menu with items: "Alpha School", "Dashboard", "Calendar", "Collections", "My Subjects", "Corrections", "Assignments", "Reports", "Get the Mobile App", "How to use eAlpha", and "School Panel". A blue arrow points to the "Assignments" item. The main content area shows a list of student books under the heading "Grade 1". Two books are visible: "Grade 1 - Volume A - Alpha Mathematics - Student Book" and "Grade 1 - Volume B - Alpha Mathematics - Student Book", both with a "score: 0.0%". Below this, there are sections for "Grade 2", "Grade 3", "Grade 4", and "Grade 5", which are currently empty.

My Subject – Component Information

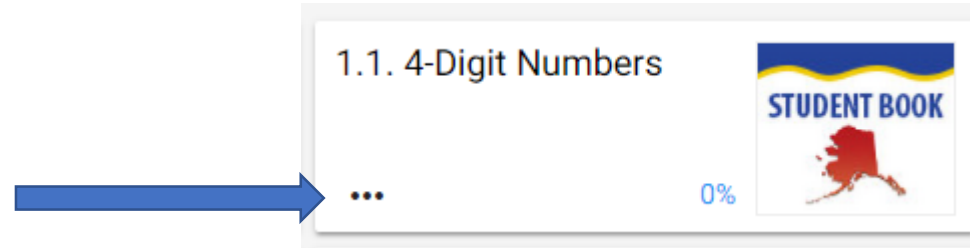
- On each component there is a SCORE % shown.



The screenshot shows the eAlpha mobile eLearning Platform interface. The browser address bar displays the URL: https://www.ealpha.xyz/courses_1/filter/Alpha_Math/Student_Book. The page title is "Alpha Math - Student Book". The interface shows a list of components for Grade 1, including "Grade 1 - Volume A - Alpha Mathematics - Student Book" and "Grade 1 - Volume B - Alpha Mathematics - Student Book", both showing a score of 0.0%. A blue arrow points to the "Grade 1 - Volume A" component.

- This shows the percentage of work of the component completed by the teacher if using a Teacher login, or by the student if using a Student login.
- If using a Teacher login it is **not** the percentage of work completed by a student or class on their logins.

My Subject – In a Component



Once you have selected a component you are taken to a list of the chapters and lessons. Here you can select the lesson you require to view or work on. Or, by clicking on the 3 dots you can:

- Choose to assign the lesson to a class or student.
- Choose to view the details of the lesson – which will show you how much of the lesson you have previously completed with the number of *checks*, *errors*, *mistakes* and *time taken*.

Remember:

- **Checks:** The average number of times the check button was clicked when completing the work.
- **Errors:** The average number of errors made (*errors* are incorrect answers AFTER submitting the assignment or course).
- **Mistakes:** The average number of mistakes made (*mistakes* are incorrect answers made while checking/working on the course/assignment).

- Once you have completed an interactive exercise, click on the green tick to check if the answers are correct.

eAlpha - 1.6. Facts of 8 and 9

https://www.ealpha.xyz/lesson_1/view/6411850395680768?next=/courses_1/Grade_1_Volume_A_Alpha_Mathematics_Student_Book_1?next=/courses_1/filter/Alph...

7 + 1 5 + 3
6 + 3 4 + 5 4 + 4

B. Add.

1 $1 + 7 = 8$

2 $6 + 3 = 9$

3 $5 + 4 = 9$

4 $2 + 4 = 8$

5 $\begin{array}{r} 4 \\ + 4 \\ \hline 5 \end{array}$

6 $\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$

7 $\begin{array}{r} 0 \\ + 9 \\ \hline 9 \end{array}$

8 $\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$

Navigation bar: 1 2 3 4 5. A green checkmark icon is present, with a blue arrow pointing to it.

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- Correct answers will appear in green and incorrect answers will appear in red.

The screenshot shows a web browser window displaying the eAlpha application. The browser's address bar shows the URL: https://www.ealpha.xyz/lesson_1/view/6411850395680768?next=/courses_1/Grade_1_Volume_A_Alpha_Mathematics_Student_Book_1?next=/courses_1/filter/Alph...

The application content includes a decorative graphic of a blue flower with petals containing simple addition problems: $7+1$, $5+3$, $6+3$, $4+5$, and $4+4$.

Section **B. Add.** contains several problems:

- 1 $1 + 7 = 8$ (Answer 8 is in a green box)
- 2 $6 + 3 = 9$ (Answer 9 is in a green box)
- 3 $5 + 4 = 9$ (Answer 9 is in a green box)
- 4 $2 + 4 = 8$ (Answer 4 is in a red box)
- 5 $4 + 4 = 8$ (Answer 5 is in a red box)
- 6 $7 + 2 = 9$ (Answer 2 is in a green box)
- 7 $0 + 9 = 9$ (Answer 0 is in a green box)
- 8 $3 + 5 = 8$ (Answer 3 is in a green box)

At the bottom of the application, there is a red navigation bar with a progress indicator showing 30% completion. A blue arrow points to the 30% bar. Below the progress bar are navigation buttons (back, forward) and a sequence of numbered buttons (1, 2, 3, 4, 5), where button 4 is highlighted.

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- The percentage bar at the bottom shows how much has been correctly completed.

- To change incorrect answers click on the black, unlock button. The answers can then be changed.

The screenshot shows a web browser window displaying a math application. The browser's address bar shows the URL: https://www.ealpha.xyz/lesson_1/view/6411850395680768?next=/courses_1/Grade_1_Volume_A_Alpha_Mathematics_Student_Book_1?next=/courses_1/filter/Alph...

The application content includes a decorative graphic of a blue flower with petals containing the following addition problems:

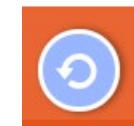
- 7 + 1
- 5 + 3
- 6 + 3
- 4 + 5
- 4 + 4

Below the graphic, the section is titled "B. Add." and contains several numbered problems:

- 1. $1 + 7 = 8$ (answer 8 in a green box)
- 2. $6 + 3 = 9$ (answer 9 in a green box)
- 3. $5 + 4 = 9$ (answer 9 in a green box)
- 4. $2 + 4 = 8$ (answer 4 in a red box)
- 5.
$$\begin{array}{r} 4 \\ + 4 \\ \hline 5 \end{array}$$
 (answer 5 in a red box)
- 6.
$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$
 (answer 2 in a green box)
- 7.
$$\begin{array}{r} 0 \\ + 9 \\ \hline 9 \end{array}$$
 (answer 0 in a green box)
- 8.
$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$
 (answer 3 in a green box)

At the bottom of the application, there is a red navigation bar with a progress indicator showing "30%", a black lock icon, and a blue arrow pointing to the lock icon. Below the bar are navigation buttons for back, forward, and page numbers 1, 2, 3, 4, 5.

- If you wish to clear all the answers, click on the reset button instead.



- Once all answers are correct a yellow star will appear and a success sound will be heard.

The screenshot shows a web browser window with the URL https://www.ealpha.xyz/lesson_1/view/6411850395680768?next=/courses_1/Grade_1_Volume_A_Alpha_Mathematics_Student_Book_1?next=/courses_1/filter/Alph.... The page content includes a butterfly illustration where each wing contains a simple addition problem: $7+1$, $5+3$, $6+3$, $4+5$, and $4+4$. Below the butterfly, a section titled "B. Add." contains eight numbered problems:

- $1 + 7 = 8$
- $6 + 3 = 9$
- $5 + 4 = 9$
- $2 + 6 = 8$
- $$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$
- $$\begin{array}{r} 4 \\ + 7 \\ \hline 9 \end{array}$$
- $$\begin{array}{r} 0 \\ + 9 \\ \hline 9 \end{array}$$
- $$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

At the bottom of the page, a red navigation bar features a yellow star icon on the left, a green progress bar showing "100%", a lock icon, a refresh icon, and a sequence of five numbered buttons (1-5) with the number 4 highlighted. A back arrow is on the left and a forward arrow is on the right of the numbered buttons. The footer text reads "ALPHA PUBLISHING" and "Powered by eAlpha4Tech Copyright © 2018 Alpha Publishing | Build 550-11".

- You must remember to click *SAVE & EXIT* in the top left of the page before exiting the unit, otherwise the work is not saved. You can go to the next page and complete the whole lesson before *SAVE & EXIT*.

- Some questions are open ended and therefore will not be checked by the computer. These will have to be checked manually by the teacher.

eAlpha - 1.6. Facts of 8 and 9

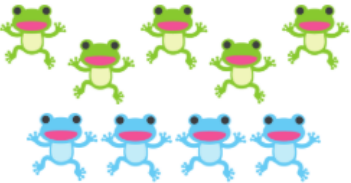
https://www.ealpha.xyz/lesson_1/view/6411850395680768?next=/courses_1/Grade_1_Volume_A_Alpha_Mathematics_Student_Book_1?next=/courses_1/filter/Alph...

Apps BBC DF eAlpha MyDrive ELA ELT Sky AudioN Math Sc_Ancil HR 1 New UI Gloria Wk DF2 MRev DF Ph2 txt high HR

PROBLEM SOLVING

I have 5 green frogs and 4 blue frogs.
How many frogs do I have in all?

frogs



Charlotte and Jen are writing 9 facts.

Charlotte's work

$$\begin{array}{l} 1 + 8 = 9 \\ 3 + 6 = 9 \\ 9 + 0 = 9 \\ 5 + 3 = 9 \\ 2 + 7 = 9 \end{array}$$

Jen's work

$$\begin{array}{l} 8 + 1 = 9 \\ 4 + 5 = 9 \\ 7 + 2 = 9 \\ 3 + 6 = 9 \\ 0 + 9 = 9 \end{array}$$

Which chart is correct? Explain.

Charlotte's Jen's

Vocabulary Check Match.

8 fact 4 + 5

9 fact 6 + 3

My Subjects – Math Assessments

In the *Assessments* section you will find the assessment books organized by grade.

Alpha Mathematics

Home / Alpha Mathematics

Grade 1

Grade 2

Grade 3

Grade 4

Grade 5

My Subjects – Math – ExamView®

- In the *ExamView*® section you will find all the necessary installers and instructions on how to download and install ExamView® on your device. You can then generate your personalized Math assessments for distribution electronically or in printed format.