



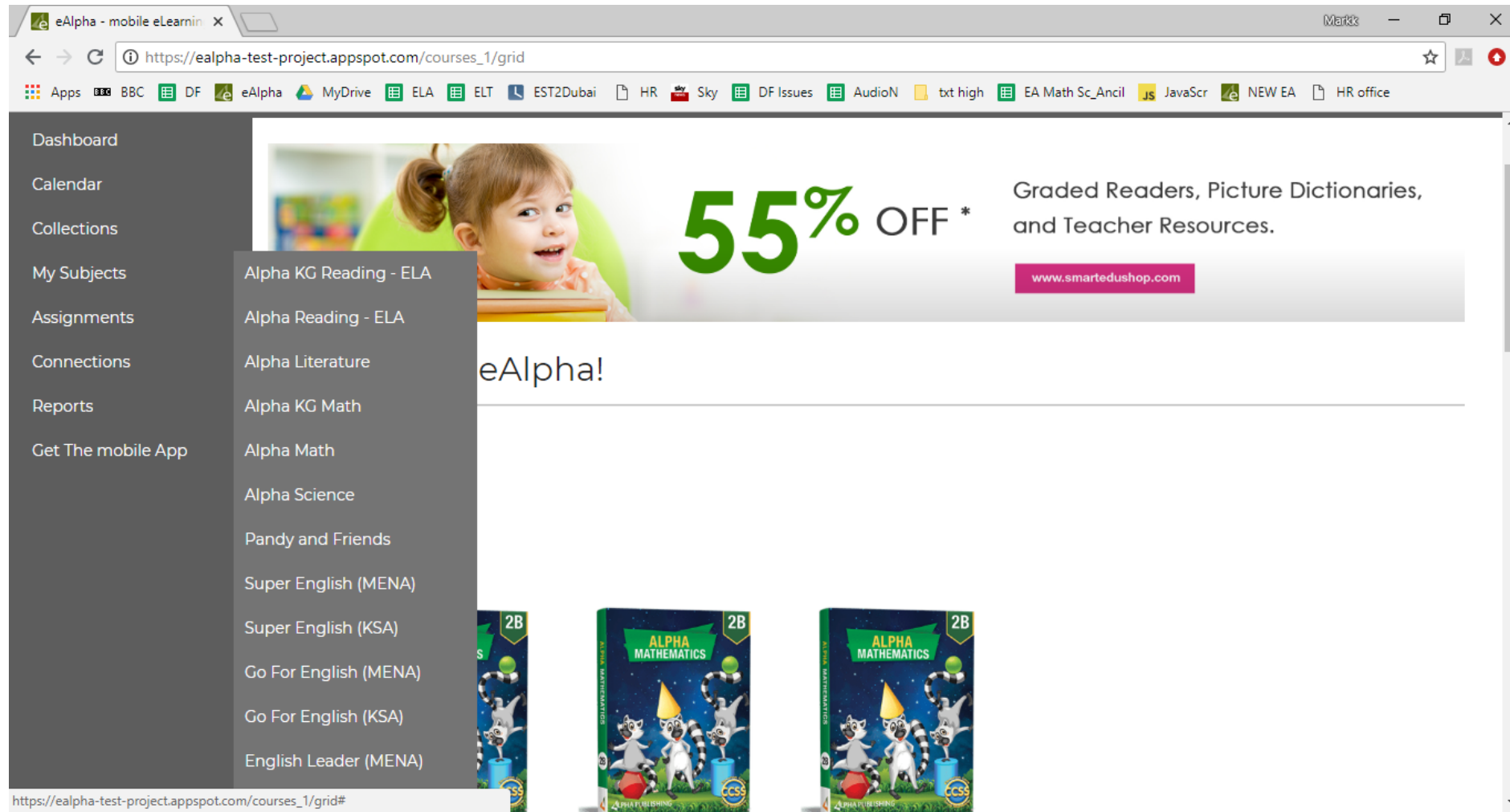
**eALPHA**

Mobile eLearning Platform

My Subjects – Science

# My Subjects – Science

Access to your content is now found from the left-hand menu – *My Subjects*. Here you can select any of the Science series to which you have access from the drop-down menu which appears.



The screenshot shows a web browser window with the URL [https://ealpha-test-project.appspot.com/courses\\_1/grid](https://ealpha-test-project.appspot.com/courses_1/grid). The browser's address bar and tabs are visible at the top. The main content area features a promotional banner for "55% OFF\*" on "Graded Readers, Picture Dictionaries, and Teacher Resources" from [www.smartedushop.com](http://www.smartedushop.com). Below the banner, the text "eAlpha!" is displayed. A dark grey navigation menu is open on the left side, listing various options: Dashboard, Calendar, Collections, My Subjects, Assignments, Connections, Reports, and Get The mobile App. The "My Subjects" option is selected, and a drop-down menu is visible, listing the following subjects: Alpha KG Reading - ELA, Alpha Reading - ELA, Alpha Literature, Alpha KG Math, Alpha Math, Alpha Science, Pandy and Friends, Super English (MENA), Super English (KSA), Go For English (MENA), Go For English (KSA), and English Leader (MENA). At the bottom of the page, three book covers for "ALPHA MATHEMATICS" are visible, each featuring a cartoon character and a "2B" label.

# My Subjects – Science

By selecting *My Subjects – Alpha Science* 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](https://ealpha-test-project.appspot.com/courses_1/grid). The browser's taskbar includes various application icons such as 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 website's navigation menu on the left lists: Dashboard, Calendar, Collections, My Subjects, Assignments, Connections, Reports, and Get The mobile App. The 'My Subjects' menu is expanded, showing a list of subjects: Alpha KG Reading - ELA, Alpha Reading - ELA, Alpha Literature, Alpha KG Math, Alpha Math, Alpha Science, Pandya and Friends, Super English (MENA), Super English (KSA), Go For English (MENA), Go For English (KSA), and English Leader (MENA). A sub-menu for 'Alpha Science' is also expanded, listing: Teacher Resources, Student Books, Practice Books, Assessments, and Exam View. The main content area features a promotional banner for '55% OFF \*' on 'Graded Readers, Picture Dictionaries, and Teacher Resources' with a link to [www.smartedushop.com](http://www.smartedushop.com). Below the banner, the text 'eAlpha!' is visible. At the bottom, there are book covers for 'ALPHA MATHMATICS' and 'ALPHA PUBLISHING'.

# My Subjects – Science – Teacher Resources

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

## Alpha Science

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Home / Alpha Science

Grade 1

Grade 2

Grade 3

Grade 4

Grade 5

# My Subjects – Science – Teacher Resources

The screenshot shows a web browser window with the URL [https://www.ealpha.xyz/courses\\_1/Grade\\_1\\_\\_Science\\_Teacher\\_Resources\\_1?next=/courses\\_1/filter/Alpha\\_Science/Teacher\\_Resources](https://www.ealpha.xyz/courses_1/Grade_1__Science_Teacher_Resources_1?next=/courses_1/filter/Alpha_Science/Teacher_Resources). The browser's address bar and tabs are visible at the top. Below the browser, a dark sidebar on the left contains navigation options: Dashboard, Calendar, Collections, My Subjects, Corrections, Assignments, Connections, Reports, Get the Mobile App, How to use eAlpha, and School Panel. The main content area features a 'Welcome to eAlpha!' message and a 'Back' button. The primary heading is 'Alpha Science Grade 1 - Teacher Resources', with a note 'Access until: 11-11-2019'. A 'Results' section displays three metrics in blue boxes: 'Score' (0), 'Errors' (0), and 'Time' (00:00:00). Below this is a 'Table Of Contents' with two main sections: '1. Teacher Guides' and '2. Performance Assessments'. Under '1. Teacher Guides', there are four items: 'Grade 1 - Science & Technology - TG', 'Grade 1 - Life Science - TG', 'Grade 1 - Earth Science - TG', and 'Grade 1 - Physical Science - TG', each with an 'Action' button. Under '2. Performance Assessments', there is one item: '2. Performance Assessments : a) STEM Gauge Teacher Instructions', which includes sub-items 'Teacher Guide', 'Student Assessment Cover Page', 'K2 Earth Science', 'K2 Life Science', and 'K2 Physical Science', each with an 'Action' button.

Dashboard

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Welcome to eAlpha!

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## Alpha Science Grade 1 - Teacher Resources

Access until: 11-11-2019

### Results

<input checked="" type="checkbox"/> Score	Errors	Time
0	0	00:00:00

### Table Of Contents

- 1. Teacher Guides
  - Grade 1 - Science & Technology - TG [Action](#)
  - Grade 1 - Life Science - TG [Action](#)
  - Grade 1 - Earth Science - TG [Action](#)
  - Grade 1 - Physical Science - TG [Action](#)
- 2. Performance Assessments
  - 2. Performance Assessments : a) STEM Gauge Teacher Instructions
    - Teacher Guide [Action](#)
    - Student Assessment Cover Page [Action](#)
    - K2 Earth Science [Action](#)
    - K2 Life Science [Action](#)
    - K2 Physical Science [Action](#)

# My Subjects – Science – Teacher Resources

## 1. Teacher Resources

- *Teacher Guides* give the option to jump to a particular slide, however selecting *Back to Main Menu* takes you to a *Table of Subjects* with hyperlinks which may be more user friendly.

Each grade has four volumes, in this order:

- Science and Technology
  - Life Science
  - Earth Science
  - Physical Science
- Includes: *Scope and Sequence, NGSS (science) Alignment, Glossaries, Yearly Plans, Chapter Plans, Lesson Plans, Materials List, Assessments.*

## 2. Performance Assessments

- *STEM Gauge Teacher* instructions.
- *STEM Gauge Student* assessments (this contains an editable cover page where the teacher can include the name of the assessment, school logo).


## 3. *Yearly Plans, Chapter Plans, Lesson Plans* (downloadable as Word doc) with all functionality to edit that Word offers.

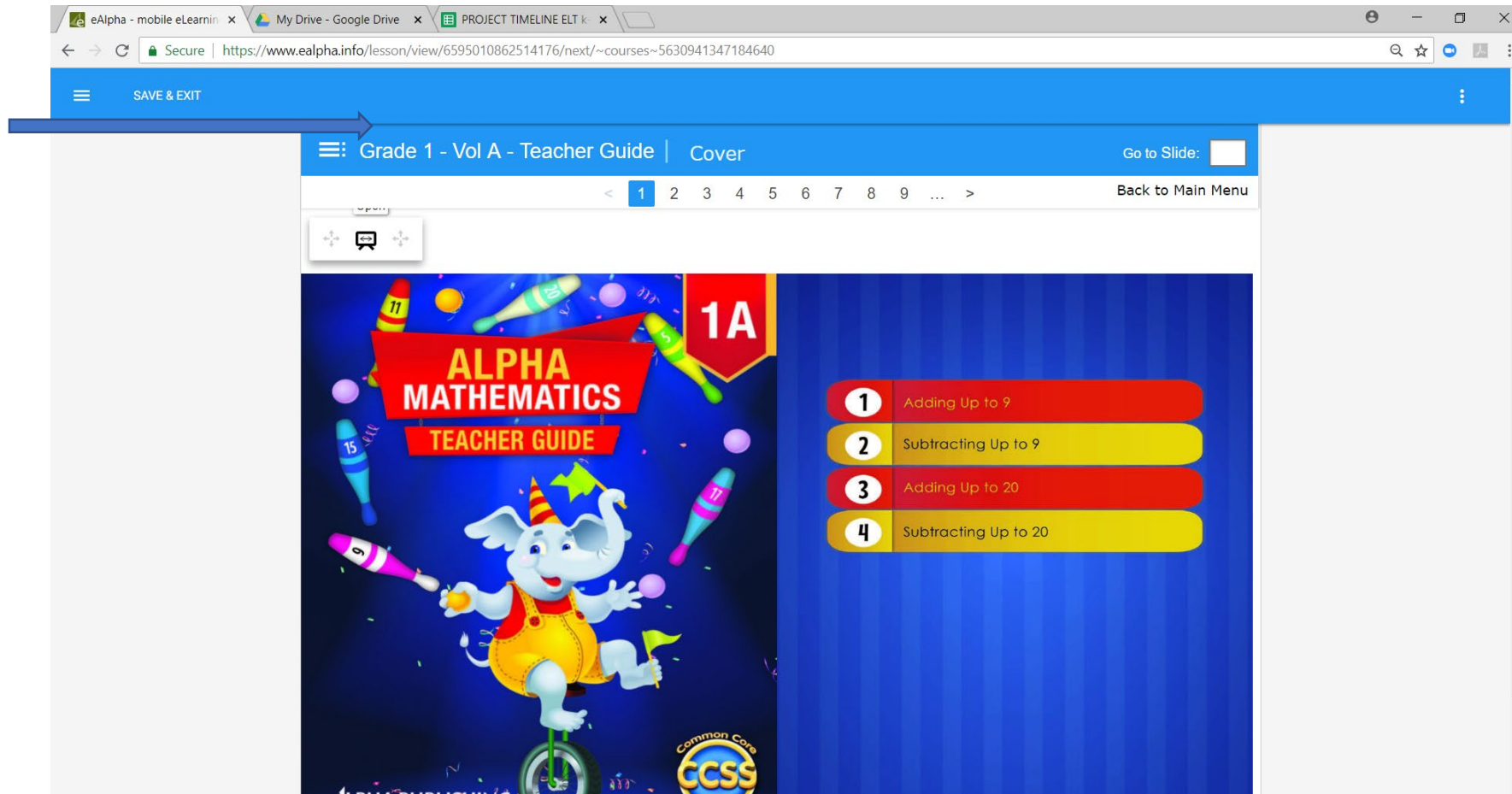
## 4. *School to Home* letters (downloadable as Word doc).

# My Subjects – 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 displays a web browser window with the URL <https://www.ealpha.info/lesson/view/6595010862514176/next/~courses~5630941347184640>. The page title is "Grade 1 - Vol A - Teacher Guide | Cover". A blue toolbar at the top contains a "SAVE & EXIT" button and a speech bubble icon. Below the toolbar, a navigation bar shows slide numbers 1 through 9, with slide 1 selected. A "Back to Main Menu" link is also present. The main content area features a colorful slide titled "ALPHA MATHEMATICS TEACHER GUIDE" with a "1A" label. The slide includes a cartoon elephant on a unicycle and a list of topics:

1	Adding Up to 9
2	Subtracting Up to 9
3	Adding Up to 20
4	Subtracting Up to 20





The slide also features a "Common Core CCSS" logo in the bottom right corner.

# 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 student 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; 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 – Science – Student Books

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

## Alpha Science

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[Grade 1](#)

[Grade 2](#)

[Grade 3](#)

[Grade 4](#)

[Grade 5](#)

# My Subject – Student Books – Science

The screenshot shows a web browser window with the URL [https://www.ealpha.xyz/courses\\_1/Alpha\\_Science\\_Grade\\_2\\_Unit\\_A\\_Science\\_Technology\\_Student\\_Book?next=/courses\\_1/filter/Alpha\\_Science/Student\\_Book](https://www.ealpha.xyz/courses_1/Alpha_Science_Grade_2_Unit_A_Science_Technology_Student_Book?next=/courses_1/filter/Alpha_Science/Student_Book). The browser's address bar and tabs are visible at the top. Below the browser, 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. The main content area features a 'Welcome to eAlpha!' message, a 'Back' button, and the title 'Alpha Science - Grade 2 Unit A Science & Technology - Student Book'. Below the title, it states 'Access until: 11-11-2019'. A 'Results' section contains three blue bars with icons and values: a checkmark icon for 'Score' with the value '0', a warning triangle icon for 'Errors' with the value '0', and a clock icon for 'Time' with the value '00:00:00'. A 'Table Of Contents' section follows, with two main blue headers: '1. The Nature of Science' and '2. Engineering and Technology'. Under the first header, a list of 14 items is shown, each with an 'Action\*' button to its right. The items are: 1. Chapter Guide, 1. Chapter Opener, 1. Chapter Review, 1. People In Science - Antoine Lavoisier, 1. Reading Science, 1. World Connection - The Discovery of Fire, 1.1. Who Are Scientists?, 1.2. What Are Science Skills?, 1.3. What Do You Know About Science Tools And Safety Rules?, and 1.4. How Do Scientists Think?.

Dashboard

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How to use eAlpha

School Panel

Welcome to eAlpha!

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## Alpha Science - Grade 2 Unit A Science & Technology - Student Book

Access until: 11-11-2019

### Results

Score	Errors	Time
0	0	00:00:00

### Table Of Contents

- 1. The Nature of Science
  - 1. Chapter Guide [Action\\*](#)
  - 1. Chapter Opener [Action\\*](#)
  - 1. Chapter Review [Action\\*](#)
  - 1. People In Science - Antoine Lavoisier [Action\\*](#)
  - 1. Reading Science [Action\\*](#)
  - 1. World Connection - The Discovery of Fire [Action\\*](#)
  - 1.1. Who Are Scientists? [Action\\*](#)
  - 1.2. What Are Science Skills? [Action\\*](#)
  - 1.3. What Do You Know About Science Tools And Safety Rules? [Action\\*](#)
  - 1.4. How Do Scientists Think? [Action\\*](#)
- 2. Engineering and Technology

# My Subjects – Student Books – Science

- From the *Action* button, you can assign the lesson to a student(s), preview

The screenshot displays the eAlpha mobile eLearning platform interface. The browser address bar shows the URL: [https://www.ealpha.xyz/courses\\_1/Alpha\\_Science\\_\\_Grade\\_1\\_Unit\\_A\\_Science\\_\\_Technology\\_\\_Student\\_Book?next=/courses\\_1/filter/Alpha\\_Science/Student\\_Book](https://www.ealpha.xyz/courses_1/Alpha_Science__Grade_1_Unit_A_Science__Technology__Student_Book?next=/courses_1/filter/Alpha_Science/Student_Book). The page title is "Alpha Science - Grade 1 Unit A Science & Technology - Student Book". Below the title, it indicates "Access until: 11-11-2019".

The "Results" section shows three metrics:

Score	Errors	Time
0	0	00:00:00

The "Table Of Contents" section lists the following items:

- 1. The Nature of Science
  - 1. Careers In Science - Meteorologist
  - 1. Chapter Guide
  - 1. Chapter Opener
  - 1. Chapter Review
  - 1. Reading Science
  - 1. World Connection - Eagle's Sight
  - 1.1. What Are Your Senses?
  - 1.2. What Are Science Skills?
  - 1.3. Do You Know about Science Tools?
  - 1.4. How Do Scientists Think?
- 2. Engineering and Technology
  - 2. Carrers in Science - Architect
  - 2. Chapter Guide
  - 2. Chapter Opener
  - 2. Chapter Review

Each item in the Table of Contents has an "Action" button next to it. A dropdown menu is open for the "Action" button next to "1. Careers In Science - Meteorologist", showing the following options: Preview, Assign, Reset results, and Details. A blue arrow points to the "Action" button.

# My Subjects – Student Books – Science

- Organized by volume, chapter and then lesson.
- Starts with a *Chapter Opener* which contains *The Big Idea* and lists the lessons and *STEAM activity*.
- Next is the *Reading Science* section, which focuses on a particular skill.
- There is a *Chapter Checkpoint* in the middle of each lesson.
- At the end of each chapter is the *Chapter Check, Reflection, Reflection Check, Finish Line*, and finally, *Chapter Test*.

# My Subjects – Science – Practice Books

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

## Alpha Science

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[Grade 1](#)

[Grade 2](#)

[Grade 3](#)

[Grade 4](#)

[Grade 5](#)



# My Subjects – Component Information

# My Subjects – Component Information

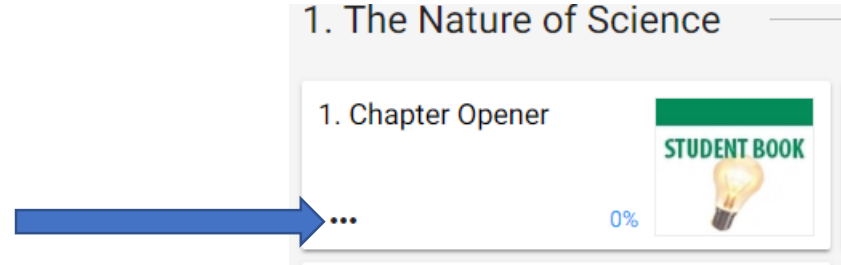
- On each component there is a SCORE % shown.

The screenshot shows the Alpha School mobile eLearning platform interface. The page title is "Alpha Science - Student Book". The main content area displays a list of components for Grade 1. Each component is represented by a book cover, a title, and a score of 0.0%. A blue arrow points to the "Alpha Science - Grade 1 Unit D Physical Science - Student Book" component.

Grade	Component Title	Score
Grade 1	Alpha Science - Grade 1 Unit A Science & Technology - Student Book	score: 0.0%
Grade 1	Alpha Science - Grade 1 Unit B Life Science - Student Book	score: 0.0%
Grade 1	Alpha Science - Grade 1 Unit C Earth Science - Student Book	score: 0.0%
Grade 1	Alpha Science - Grade 1 Unit D Physical Science - Student Book	score: 0.0%
Grade 2		
Grade 3		
Grade 4		
Grade 5		

- 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 Subjects – In a Component



Once you have selected a component you are taken to the Table of Subjects. 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 tick to check if the answers are correct.

The screenshot shows a web browser window with the URL [https://www.ealpha.xyz/lesson\\_1/view/5511362250801152?next=/courses\\_1/Alpha\\_Science\\_Grade\\_1\\_Unit\\_A\\_Science\\_Technology\\_Student\\_Book?next=/courses\\_1/...](https://www.ealpha.xyz/lesson_1/view/5511362250801152?next=/courses_1/Alpha_Science_Grade_1_Unit_A_Science_Technology_Student_Book?next=/courses_1/...). The page content includes:

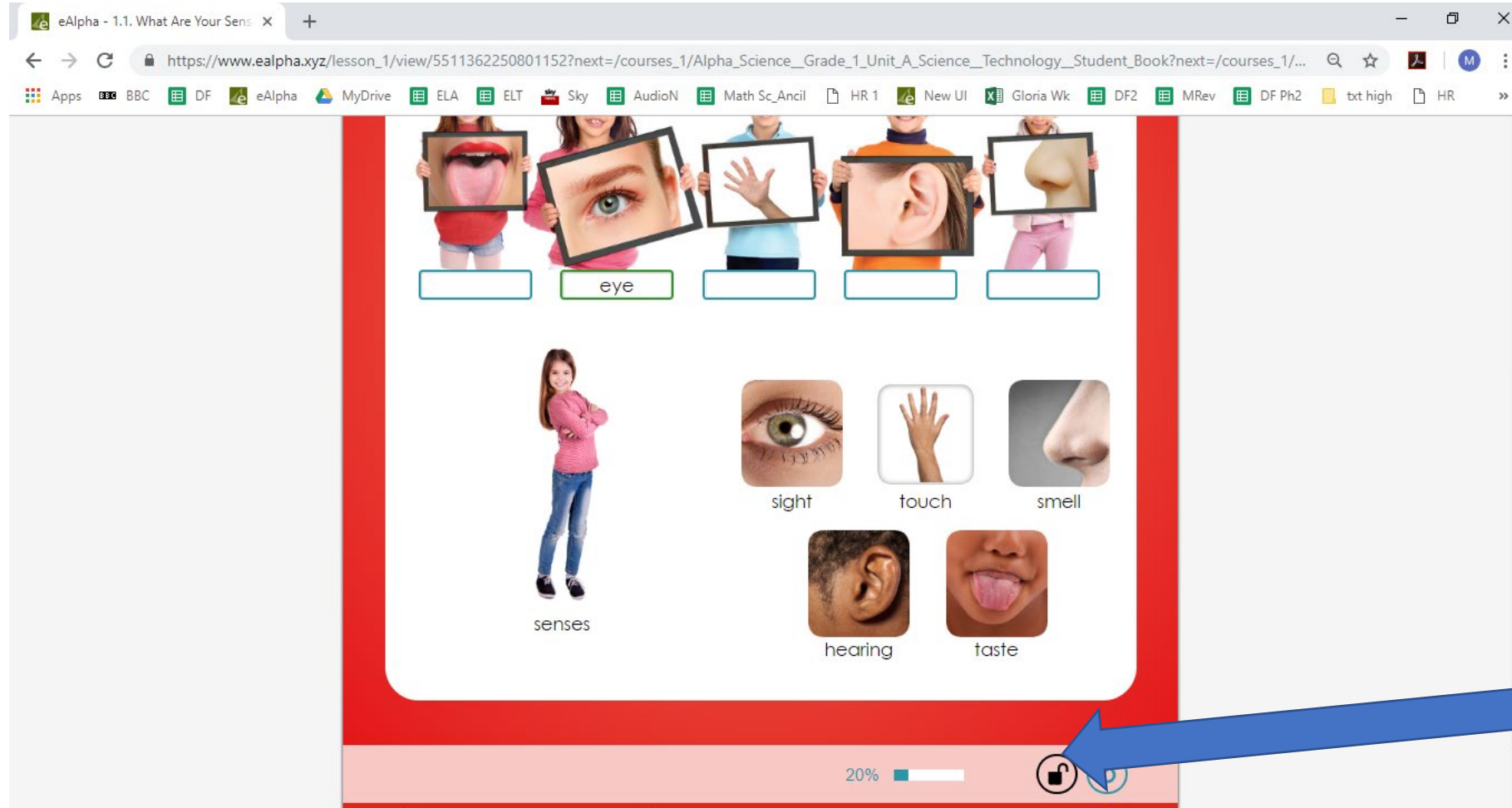
- A row of five children holding up images of: a tongue, an eye, a hand, an ear, and a nose. Below each image is a text input box. The word "eye" is already entered in the second box.
- A central area with a girl labeled "senses" and five sense icons: "sight" (eye), "touch" (hand), "smell" (nose), "hearing" (ear), and "taste" (tongue).
- At the bottom right of the exercise area, there are two circular icons: a checkmark and a refresh symbol. A blue arrow points to the checkmark icon.

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

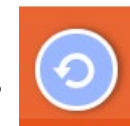
The screenshot shows a web browser window with the URL [https://www.ealpha.xyz/lesson\\_1/view/5511362250801152?next=/courses\\_1/Alpha\\_Science\\_Grade\\_1\\_Unit\\_A\\_Science\\_Technology\\_Student\\_Book?next=/courses\\_1/...](https://www.ealpha.xyz/lesson_1/view/5511362250801152?next=/courses_1/Alpha_Science_Grade_1_Unit_A_Science_Technology_Student_Book?next=/courses_1/...). The page content is a quiz titled "What Are Your Senses?". At the top, five children hold up signs with images of a tongue, an eye, a hand, an ear, and a nose. Below each sign is a text input box. The word "eye" is entered in the second box and is highlighted in green. Below this is a larger image of a girl with her arms crossed, labeled "senses". To her right are five smaller images: an eye (labeled "sight"), a hand (labeled "touch"), a nose (labeled "smell"), an ear (labeled "hearing"), and a tongue (labeled "taste"). At the bottom of the page, there is a progress bar showing "20%" completion, with a blue arrow pointing to it from the right. There are also icons for a lock and a refresh button.

- 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.



- 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/5511362250801152?next=/courses\\_1/Alpha\\_Science\\_Grade\\_1\\_Unit\\_A\\_Science\\_Technology\\_Student\\_Book?next=/courses\\_1/...](https://www.ealpha.xyz/lesson_1/view/5511362250801152?next=/courses_1/Alpha_Science_Grade_1_Unit_A_Science_Technology_Student_Book?next=/courses_1/...). The page content is a red-bordered box with a white background. At the top, it says "WARM-UP QUESTION" in a blue rounded rectangle. Below that, a question asks: "What are the body parts you see? Name these body parts." There are five children holding up signs with images of a tongue, an eye, a hand, an ear, and a nose. Below each image is a green-bordered text box with the corresponding label: "tongue", "eye", "hand", "ear", and "nose". To the left of these is a full-body image of a girl labeled "senses". To the right are five smaller images of senses: "sight" (eye), "touch" (hand), "smell" (nose), "hearing" (ear), and "taste" (tongue). At the bottom of the red box, there is a progress bar at 100%, a red star icon, and a navigation bar with numbers 1 through 8, where 2 is circled in red. The footer of the page says "Powered by eAlphaTech 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.

The screenshot shows a web browser window with the address bar displaying the URL: [https://www.ealpha.xyz/lesson\\_1/view/5511362250801152?next=/courses\\_1/Alpha\\_Science\\_Grade\\_1\\_Unit\\_A\\_Science\\_Technology\\_Student\\_Book?next=/courses\\_1/...](https://www.ealpha.xyz/lesson_1/view/5511362250801152?next=/courses_1/Alpha_Science_Grade_1_Unit_A_Science_Technology_Student_Book?next=/courses_1/...) The browser's taskbar shows various open applications including '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 features a spiral-bound notebook background. On the left side of the notebook, there is a vertical toolbar with four icons: a red pencil, a green pencil, a blue pencil, and a yellow square. A large yellow rectangular box is drawn on the notebook page. Below the drawing area, there are three numbered questions:

- 4 Open the bag. Is your prediction correct? Write your answer.
- 5 Trade places with your partner. Repeat the steps.
- 6 **Draw a conclusion.** What senses did you use to make your prediction?



# My Subjects – Science Assessments

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

The screenshot displays the eAlpha mobile eLearning platform interface. The browser address bar shows the URL: [https://www.ealpha.xyz/courses\\_1/filter/Alpha\\_Science/Assessments](https://www.ealpha.xyz/courses_1/filter/Alpha_Science/Assessments). The page title is "Alpha Science - Assessments". The interface is organized into sections by grade level: Grade 1, Grade 2, Grade 3, and Grade 4. Under the Grade 2 section, two assessment books are displayed:

- Alpha Science Grade 2 - Vol B - Assessments** (score: 0.0%)
- Alpha Science Grade 2 - Vol C - Assessments** (score: 0.0%)

The left sidebar contains navigation options: Alpha School, Dashboard, Calendar, Collections, My Subjects, Corrections, Assignments, Connections, Reports, Get the Mobile App, How to use eAlpha, and School Panel. The top navigation bar includes Home, About Us, and Contact Us. The user's name, Mark Baker, is visible in the top right corner.

# My Subjects – Science – 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 Science assessments for distribution electronically or in printed format.