U-EDUCATE

KATBOOK User Manual - Foundational Book (Class 1)

Introduction:

KATBOOK - A new format of interactive and collaborative digital textbook providing an enriching learning and teaching environment; with its state of the art additional content and its revolutionary, first of its kind innovative features KATBOOK makes learning truly a joyful experience.

This user manual is specifically created for NCERT KATBOOKS for foundational classes.

With its simple yet innovative features, engaging content, and easy navigation, KATBOOK makes learning and teaching fun, interactive, and accessible anywhere.

AUDIO BOOK Mode

Specifically designed for NCERT foundational classes, KATBOOK by default comes with AUDIO BOOK mode ON where poems and passages from the book come to life. Simple touch on the text or any image will give audio playback promoting right pronunciation for words and language.

All exercises are interactive, encouraging students at every step with audio prompts like “well done” and “try again” thereby making the whole learning a joyful experience.

It has multiple other features which will be covered thoroughly in the manual.

NON AUDIO BOOK mode:

Once you toggle the Audio Book button to OFF, a lot of other features of KATBOOK can also be accessed.

In this user manual, all the features of audio book and non-audio book are explained in detail.

Basic Interface and Navigation

Lets look at basic interface of the KATBOOK, menu buttons and how to navigate

TOP BANNER

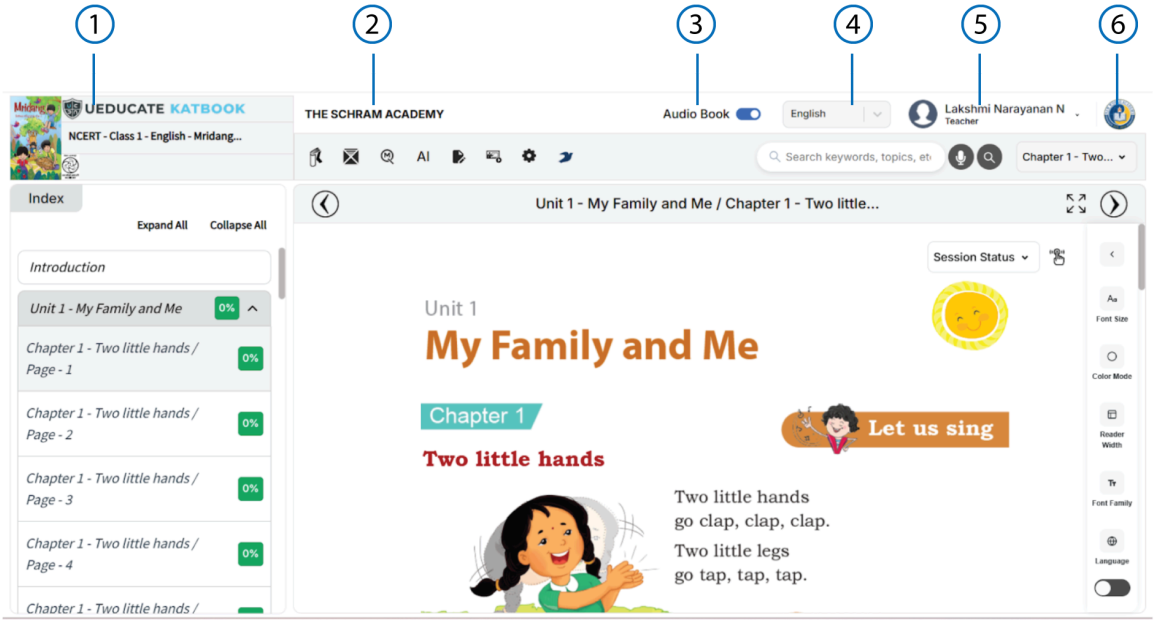


Fig. 1

When you click on any book from our dashboard, this interface will open. Fig.1 shows the KATBOOK interface.

What You See on the top Banner (Fig.1)

1. **Book Cover + Book Title + Class + Medium of language + Publisher Logo**
2. **Name of the school**
3. **Audio Book toggle button** - Switch between Audio Book and Non-Audio Book mode anytime
4. **Language Translation Button** - Translate the entire book into any language of your choice
5. **User Details**
6. **School Logo**

BOOK INDEX NAVIGATION

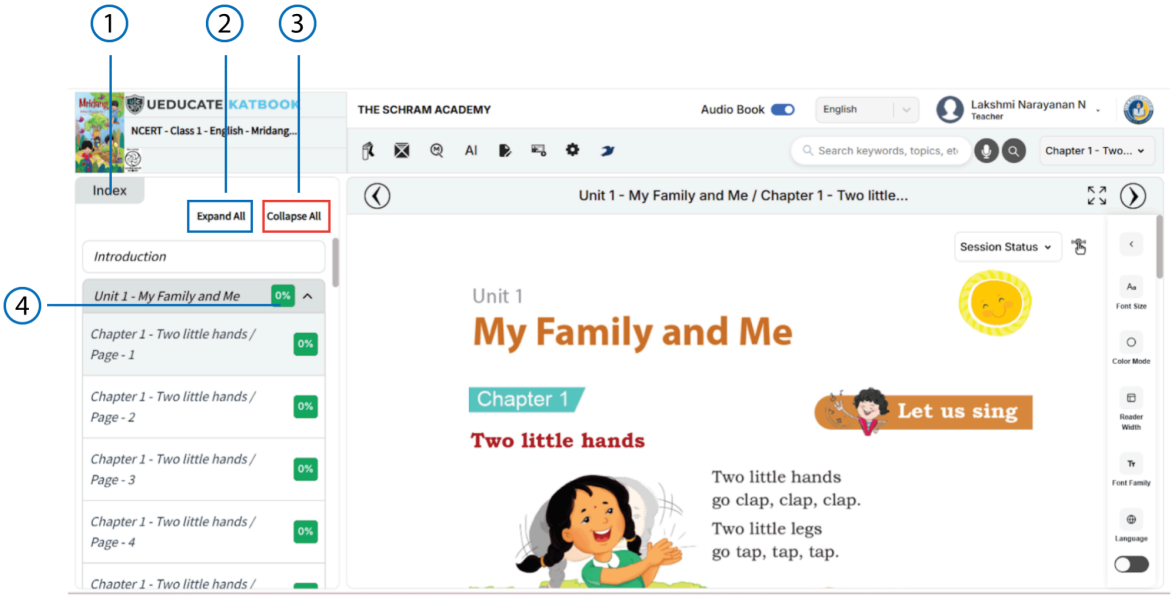


Fig. 2

What You See on the Left Index Panel in Fig.2

1. **Index:** Shows all units mapped chapter-wise and page-wise from your textbook. You can scroll and navigate to any Unit, Chapter or Page from the index
2. **Expand All** - Expand all Units to see all Chapters page-wise (Fig 2.1)

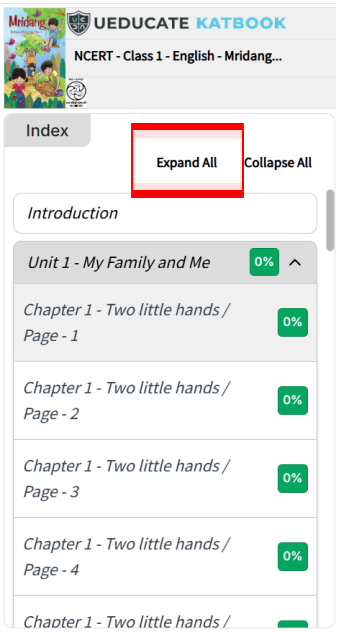


Fig. 2.1

3. **Collapse All** - Collapse all Chapters to view just the Units of the books to quickly switch from one unit to another. (Fig.2.2)

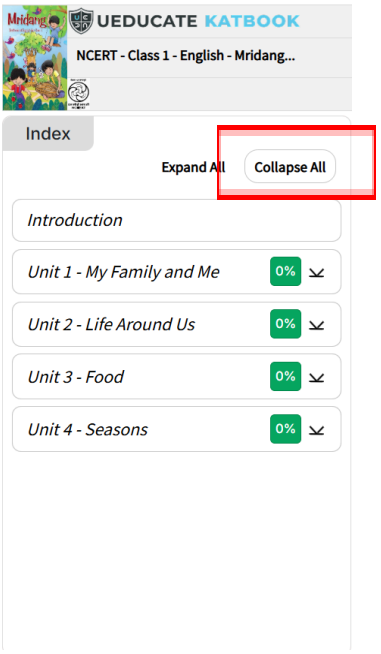


Fig. 2.2

4. **Coverage Report** - Here you can see the detailed coverage report (Unit-wise or Chapter-wise/page-wise). You can see how many sessions/pages are covered, concept videos and explanation videos are seen, number of notes, highlights, Hyperlink or bookmarks done, Clarifications or comments posted. Refer to fig 2.3

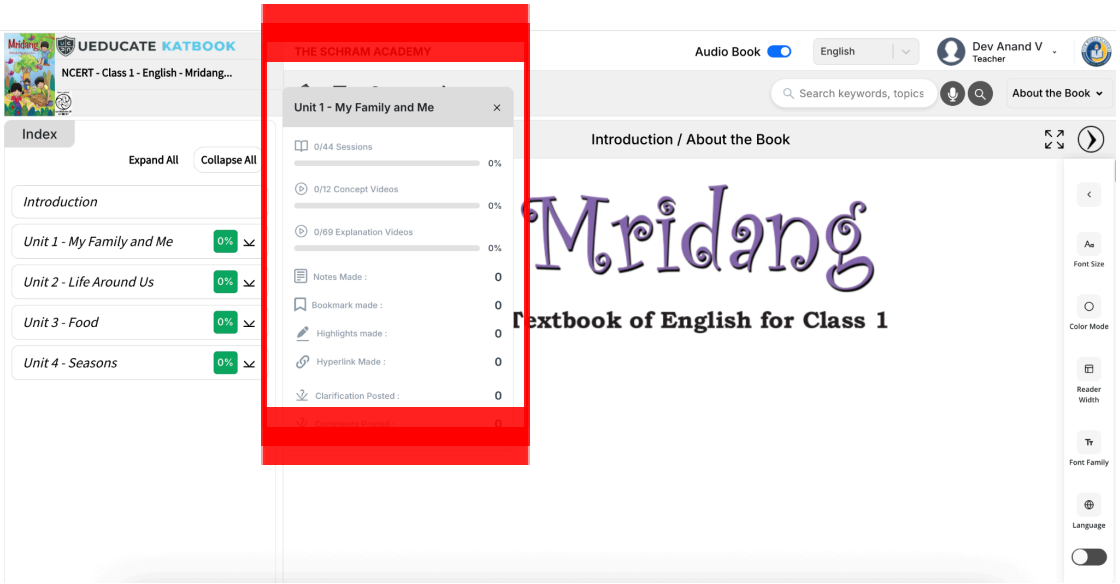


Fig. 2.3

MENU BAR



Fig. 3

What You See on the Top Menu in Fig.3 (Each explained below)

1. **KATBOOK home button**
2. **Additional Content Search**
3. **Multiple Search**
4. **AI Search Functionality**
5. **Quizzes and Self Assessment**
6. **Teacher's Content (Not available for pilot)**
7. **Settings**
8. **KSMACC (Not available for pilot)**
9. **Comprehensive Search**
10. **Chapter/Page/Session Navigation**

1. **KATBOOK Home Button** - This will take you to the KATBOOK dashboard where you can see all your textbooks (Fig 3.1)

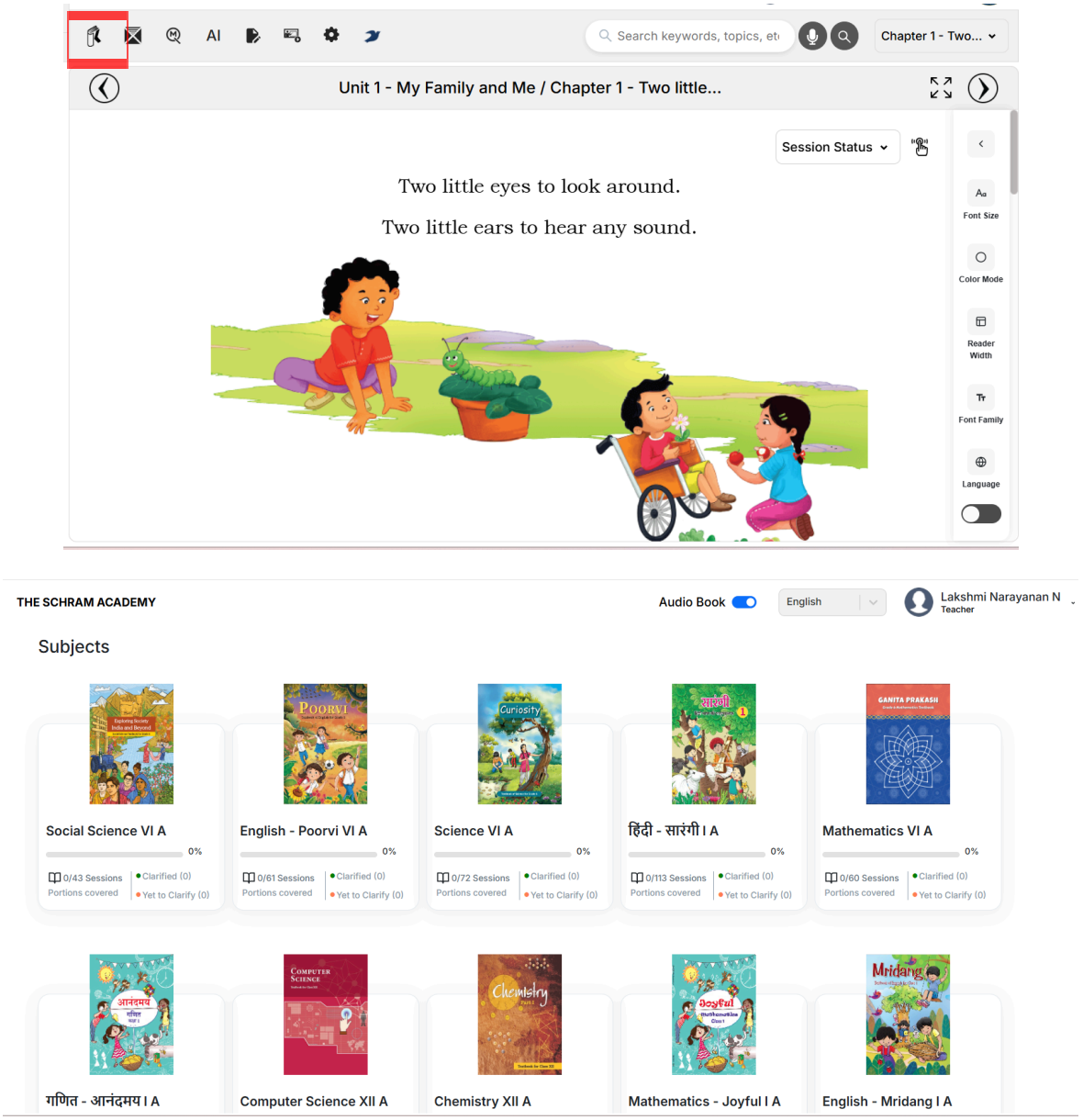


Fig. 3.1

2) **Additional Content Search** - This feature lets you instantly search for all additional resources and contents from any Unit or any chapter. Select the Unit(s) > select the Page(s) where you want the search to happen. Fig. 3.2

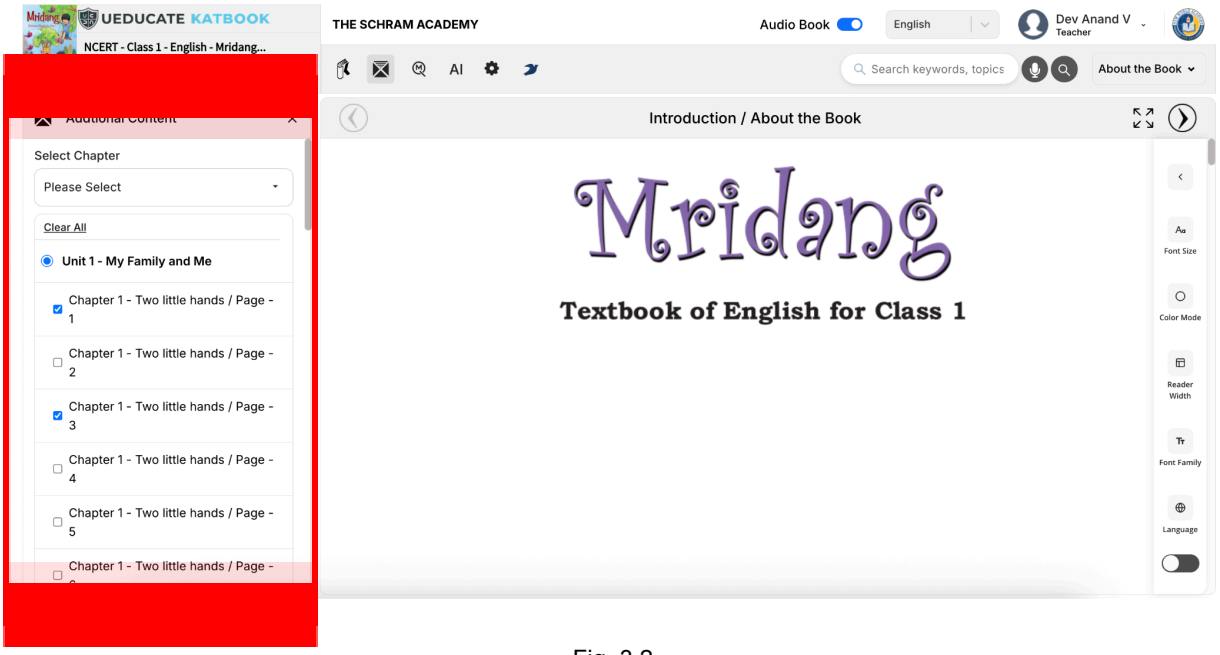


Fig. 3.2

Then select the type of additional content you want to search (images, concept videos, explanation videos). Eg. click on explanation videos and then click on the 👁 icon to directly navigate to that particular explanation video embedded in the book. Fig.3.3

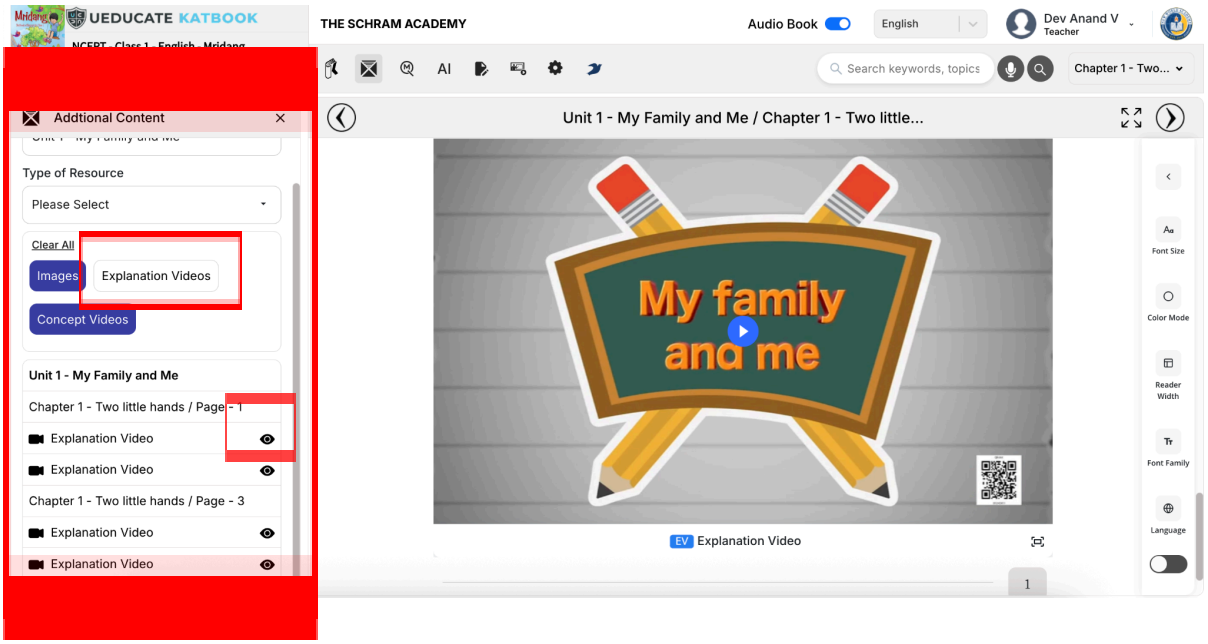


Fig. 3.3

3) **Multiple Search**: If you want more information on any word or topic in the book, use the Multi Search option. It gives results from:

- Web browsers like Bing and Yep
- AI like ChatGPT, Perplexity, Deepseek, Mistral Large
- Encyclopedias like Wikipedia, Britannica, Britannica kids, Scholarpedia, New world encyclopedia
- Translate from Microsoft Translator
- Dictionaries like Merriam, Your dictionary or Shabdkosh Dictionary

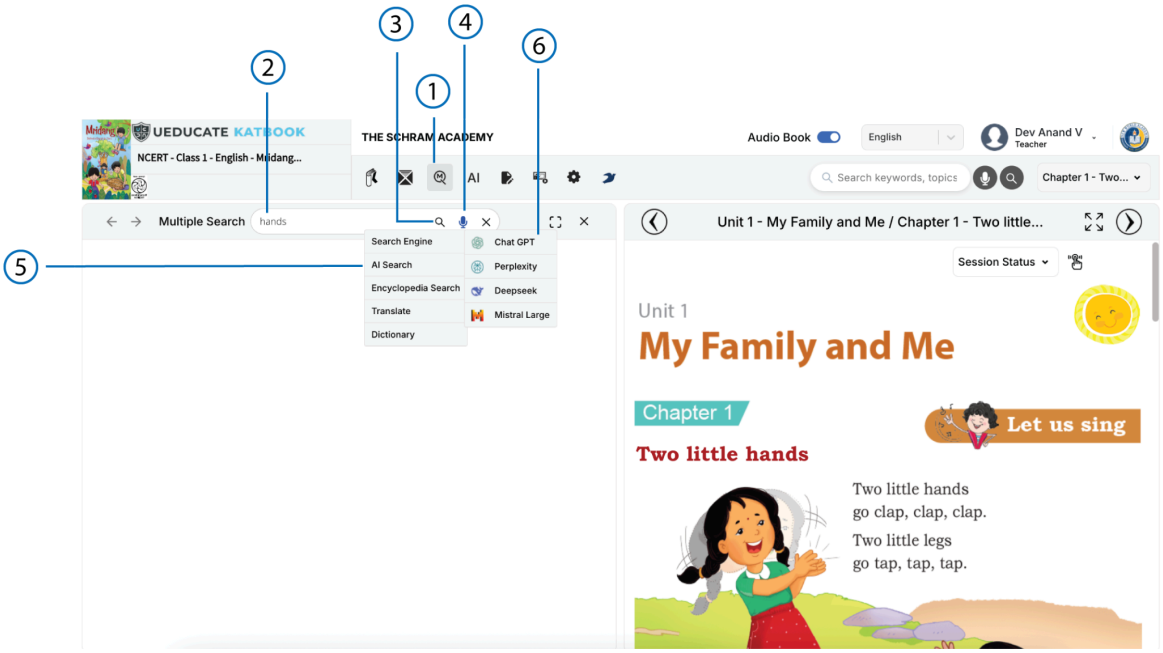


Fig. 3.4

Steps to use Multiple Search Function for any word (Fig. 3.4)

1. Click on multiple search button
2. Type the word for which you need to find more information
3. Click on the search icon to select the option from the drop down
4. With in-built microphone button you can even speak the text instead of typing
5. Select the source from the dropdown
6. Select the module of your choice and the search will begin

Example of the search result from ChatGPT is shown below in Fig 3.5

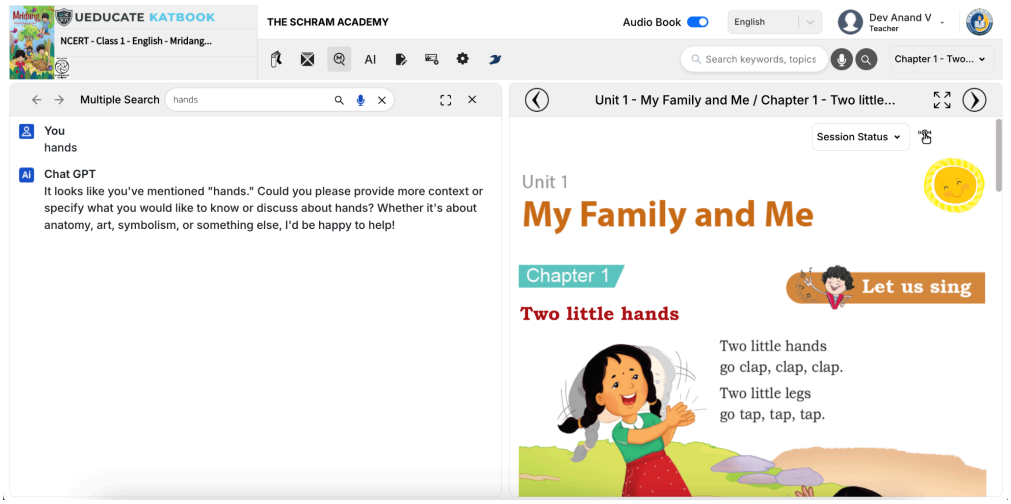


Fig. 3.5

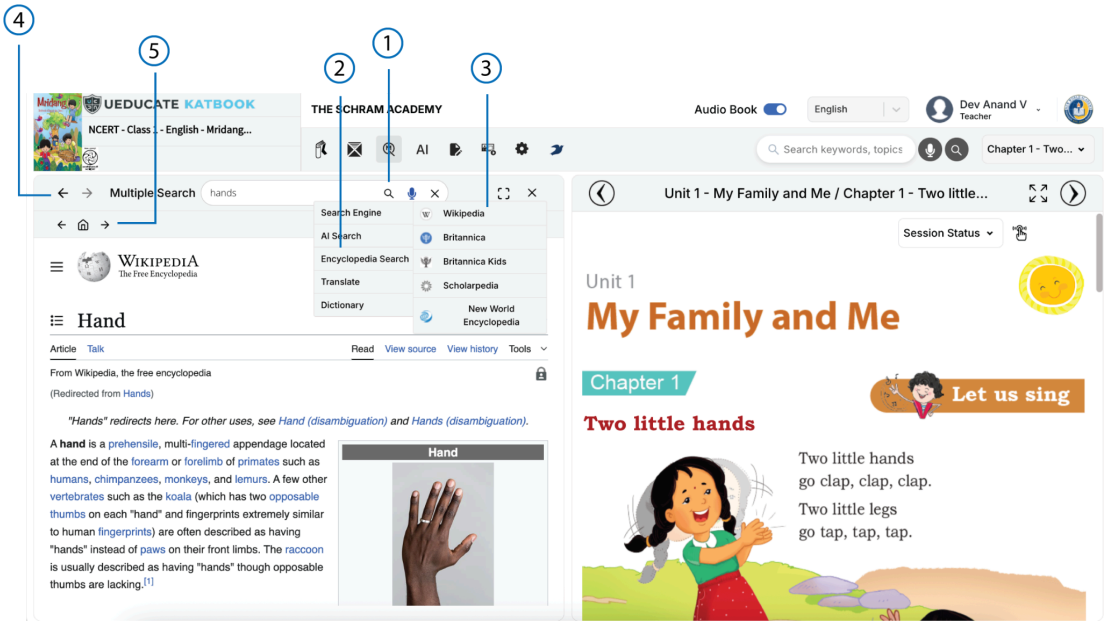


Fig. 3.6

You can change the search module without repeating the entire steps as shown in Fig 3.6

1. Click on the search button to open the drop down menu
2. Select any other source. For eg. Encyclopedia
3. Select the preferred module. For eg. Wikipedia and the search will open
4. From the top arrow keys, you can go back and forth between your searches from different sources like ChatGPT < Wikipedia in this case
5. From these bottom arrow keys and home button, you can navigate between the searches made within the same module

4) **AI Search Functionality** - You can also use the inbuilt AI Search functionality to generate synopsis and summaries or to even generate any additional content and question answers.

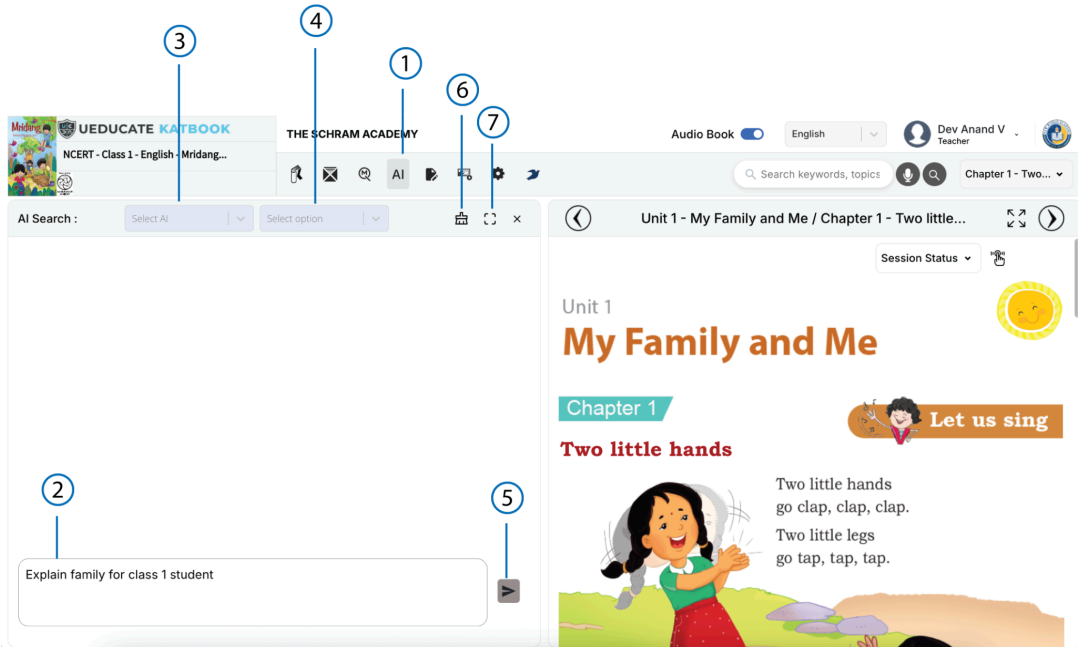


Fig. 3.7

In fig. 3.7, it explains how to use the AI search function

1. Select the AI button
2. Type the text you want to search
3. Select the AI module between ChatGPT, Deepseek or Mistral Large
4. Select the type of search between Generating Summary or Synopsis (Optional step only if you need synopsis or summary) or else simply move to step 5
5. Click the arrow button to start the search for the result (refer Fig. 3.8)
6. Using this button, you can simple clear the search
7. View the search in full screen

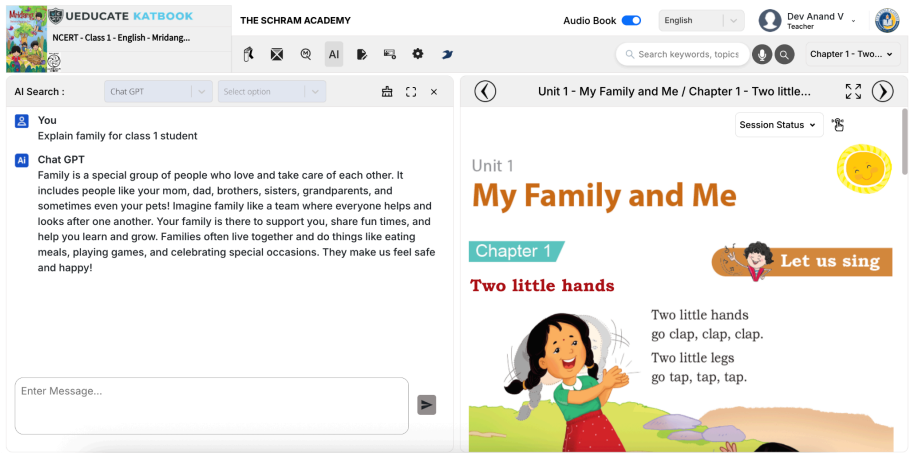


Fig. 3.8

5) Quizzes & Self Assessment: KATBOOK comes with a wide range of built-in quizzes - such as multiple choice, fill-in-the-blanks, and short or long answer formats. Explained later in the manual

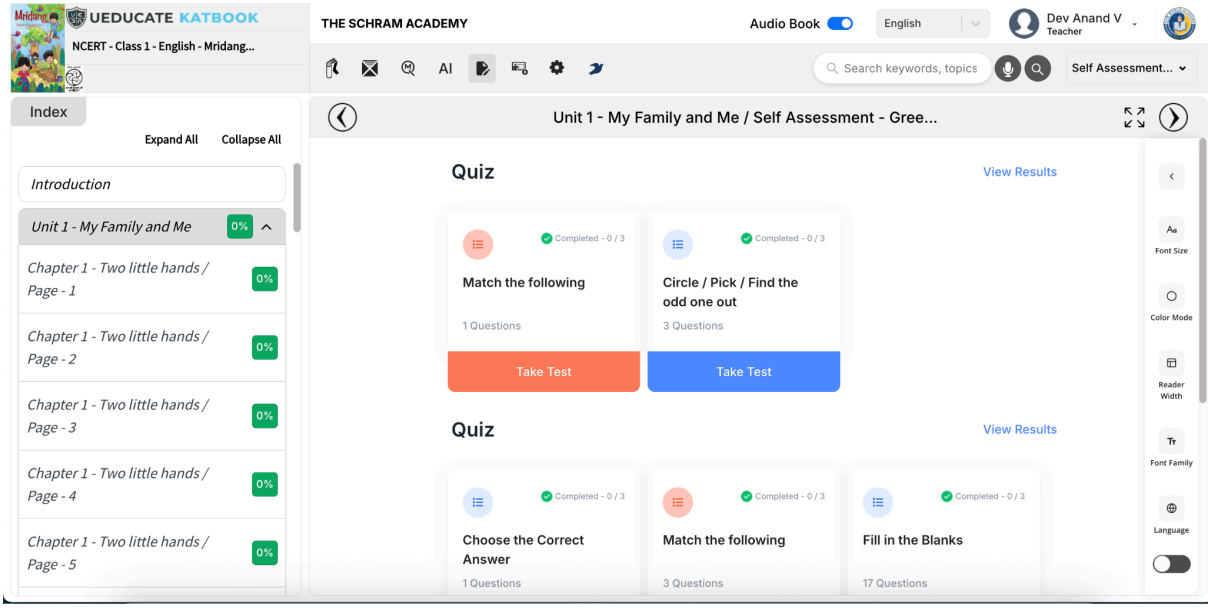


Fig. 3.9

6) **Teacher's Content** - Teacher's can upload and view any content that they would like to showcase in the classroom *(This feature is not applicable in the NCERT pilot)*

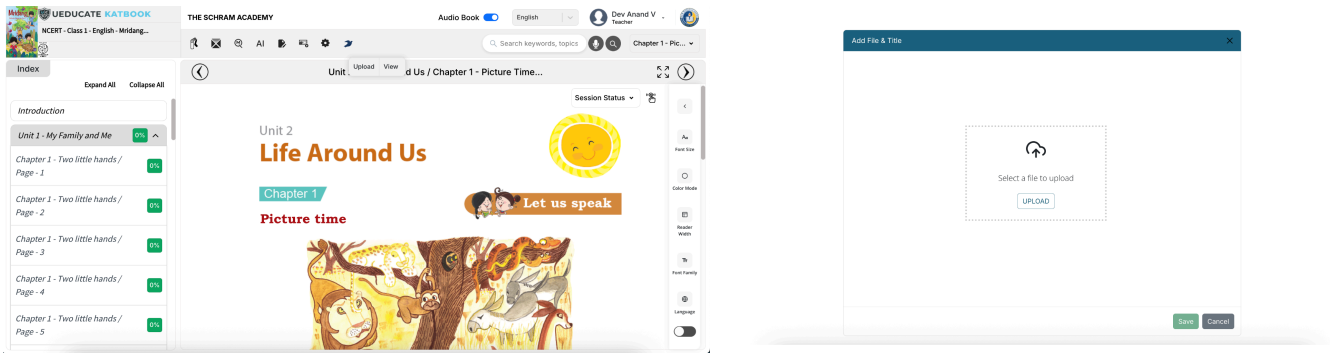


Fig. 4

7) **Settings** - This option lets you change the font size, color mode, reader width, font style, and language as per your comfort.



Fig. 4.1

All settings explained as per Fig. 4.1

1. Click on the settings button to open settings. Also can be accessed from the right panel
2. Font size - select the font size (small, medium or large) in which you want to see the KATBOOK
3. Color Mode - Select the color mode of your preference (Light, Sepia, Dar)
4. Reader width - Adjust the reading width of the KATBOOK
5. Font family - Select the font choice (serif, sans serif & Dyslexic font)
6. Menu Language - Select and change the language for the menu bars from multiple languages
7. Show annotations - This button can be toggled on/off to show or hide annotations. For foundation level books, you will first have to toggle the Audio Book button to OFF to be able to use these feature.

8) **KSMACC -** It is an end-to-end, fully secured, CLOSED communication platform for institutes offering mailing, messaging, calling functionality and much more with advanced features from one single platform.

(This feature is not applicable in the NCERT pilot)

9) Comprehensive Search - You can enter any word or text to search any specific word/phrase from the entire Katbook. This lists all the chapters and pages where the searched word is found and you can simply click on any link to navigate to that particular part of the KATBOOK.

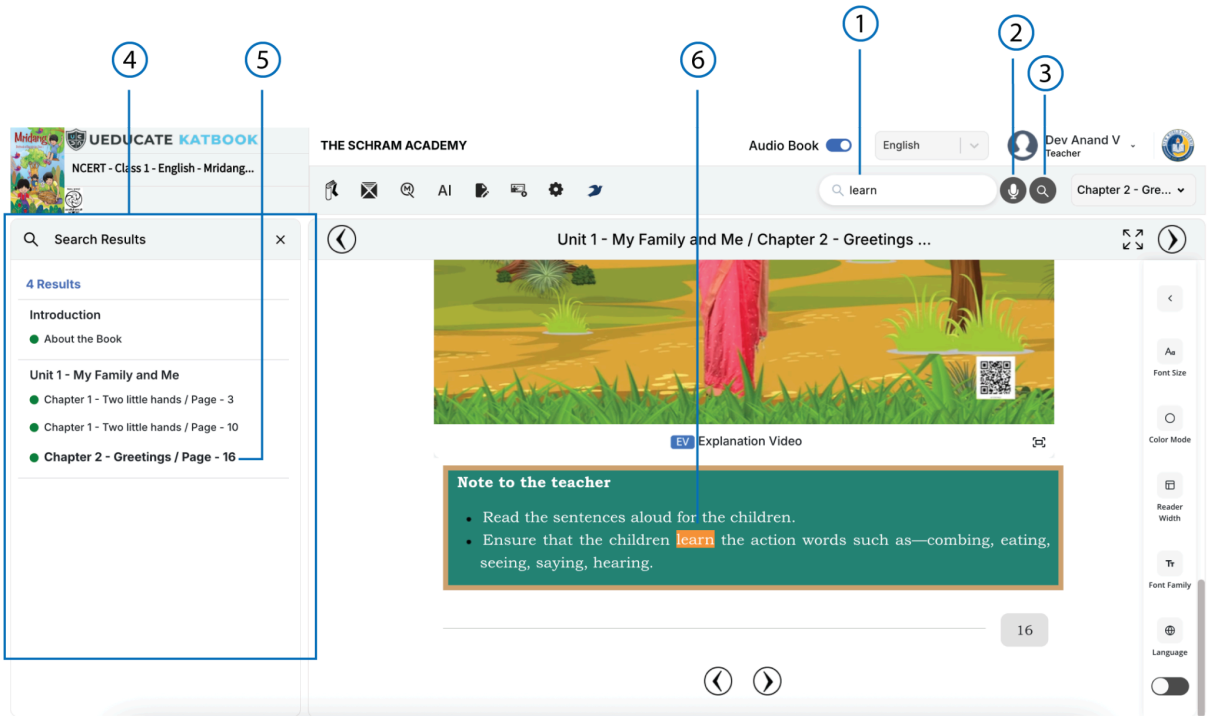


Fig. 4.2

In Fig 4.2, the search functionality is explained

1. Type the word/text in the search box
2. You can even speak the word or text through the in-built mic *(pls check your system settings to use the same)*
3. Then click on the search button to begin the search
4. Search results for that keyword will be shown on the left panel
5. Select any search result from any Unit/chapter/page/session
6. You will be redirected to that particular word in that particular part of KATBOOK.

10) **Chapter/Page/Session Navigation** - Easily navigate and switch between the Chapters/Pages/Session from the drop down button here (fig.4.3)

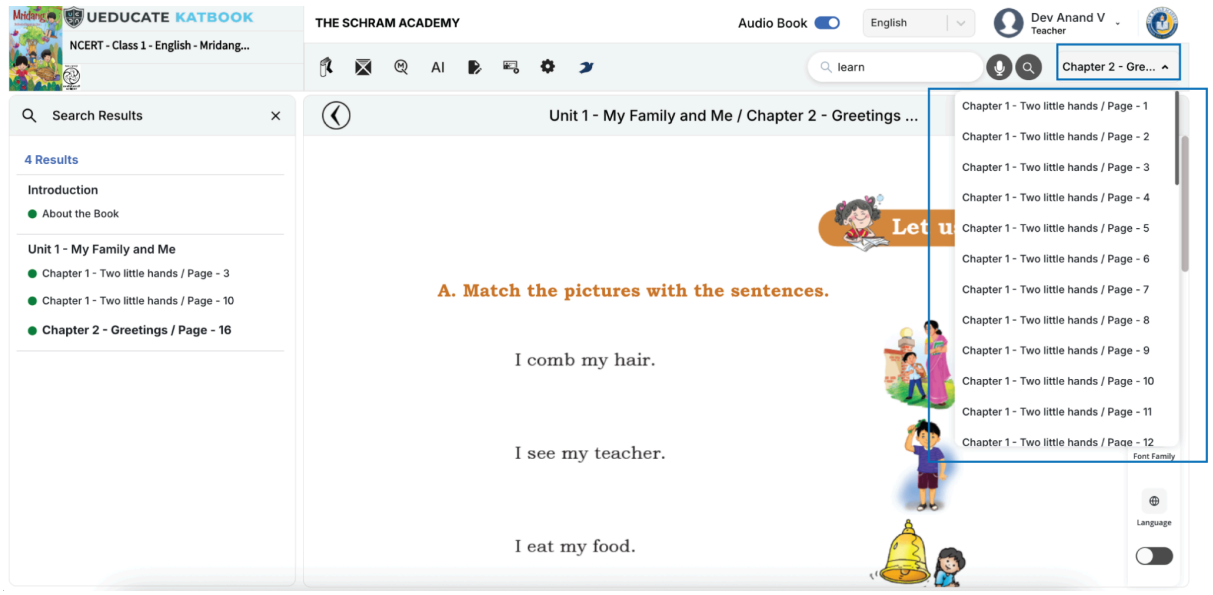


Fig. 4.3

KATBOOK INTERFACE



Fig. 5

Fig.5 explained

1. This is where you can see your Textbook in KATBOOK format. You can view the contents of the KATBOOK with up and down scroll functionality.
2. Click on this back arrow key to go back to the previous chapter/page/session.
3. Click on this front arrow key to go forward to the next chapter/page/session.
4. This shows the current Unit Number > Title of the Unit > Chapter no. > Title of the chapter
5. You can view the KATBOOK in full screen mode with this button
6. One can mark the status of the particular chapter/page/session as In progress or completed

ACCESSING THE KATBOOK CONTENT AND ITS FEATURES -

Audio Book Mode: ON

Let's explore various feature of KATBOOK when audio book is enabled

1. Audio on touch - Just tap on any text or image to make the poems come to life with audio playback. This feature encourages interactivity and promotes right pronunciation.

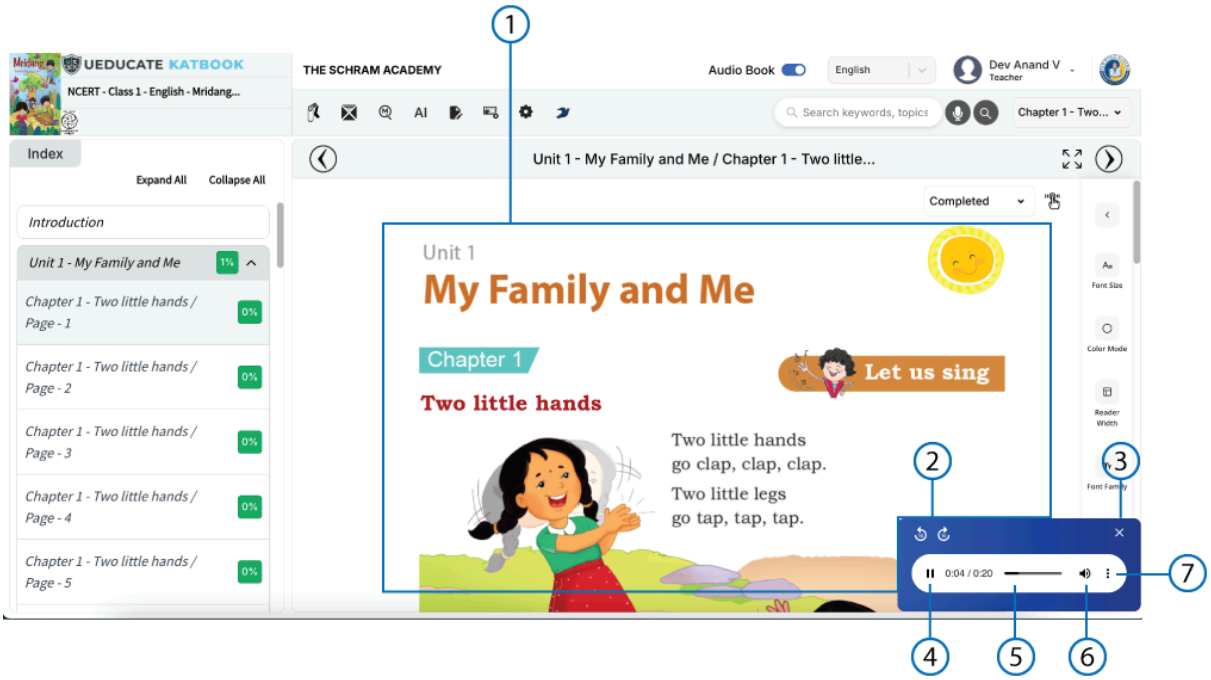
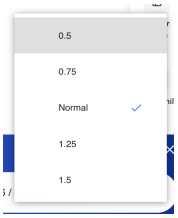


Fig. 6

Fig.6 explained

1. Just tap on any text or image of the book and the audio playback will be activated.
2. You can move the audio backwards and forward by 10 seconds.
3. You can close the audio playback anytime.
4. You can pause and play the audio anytime.
5. You can move the audio back and forth from the progress bar
6. Adjust the volume as per your preference
7. Adjust the playback speed as per your preference



2. Embedded Videos - Various concept and explanation videos are embedded within KATBOOK and can be played by just a click of a button(Fig.7)

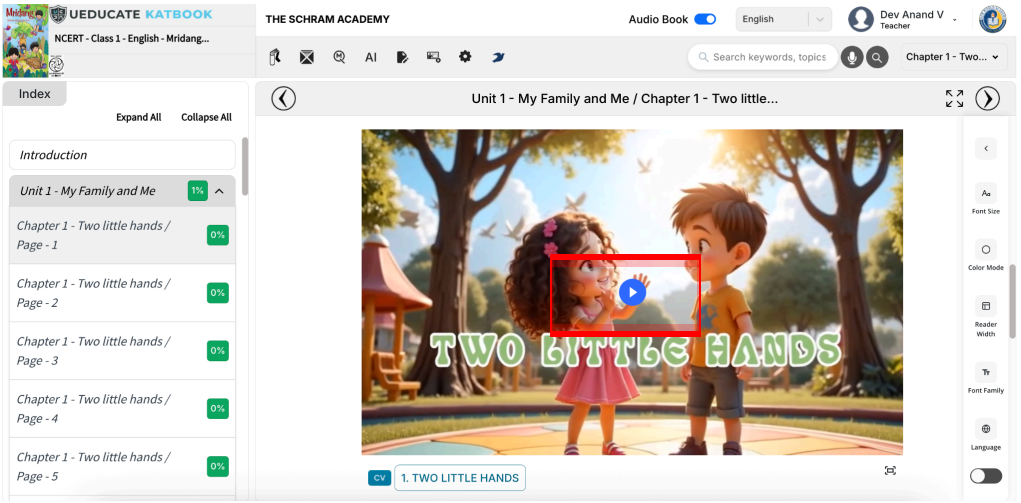


Fig. 7

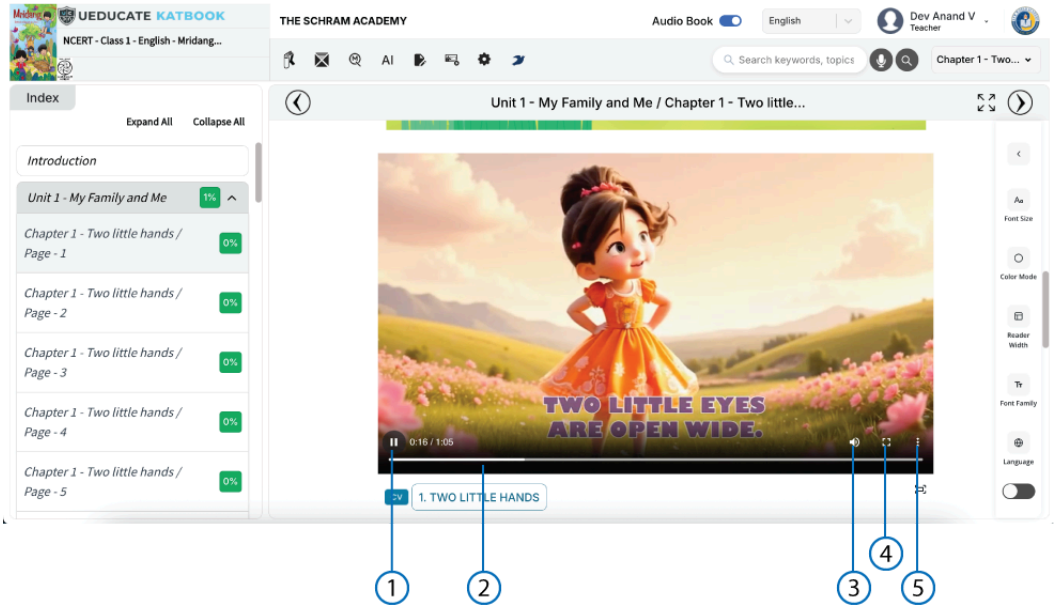
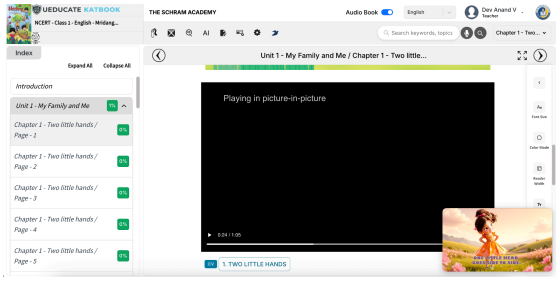


Fig. 7.1

Fig 7.1 explained:

1. You can pause and play the video anytime.
2. You can move the video back and forth from the progress bar
3. Adjust the volume as per your preference
4. You can view the video in full screen
5. Adjust the playback speed as per your preference or even view it picture-in-picture mode



3. **Interactive activities with Draw and Practice Tool** - Interactive activities become more fun with the draw and practise tool! Kids can draw or write in different colors, and if they make a mistake, they can use undo, redo, eraser or even clear the screen to start from scratch.

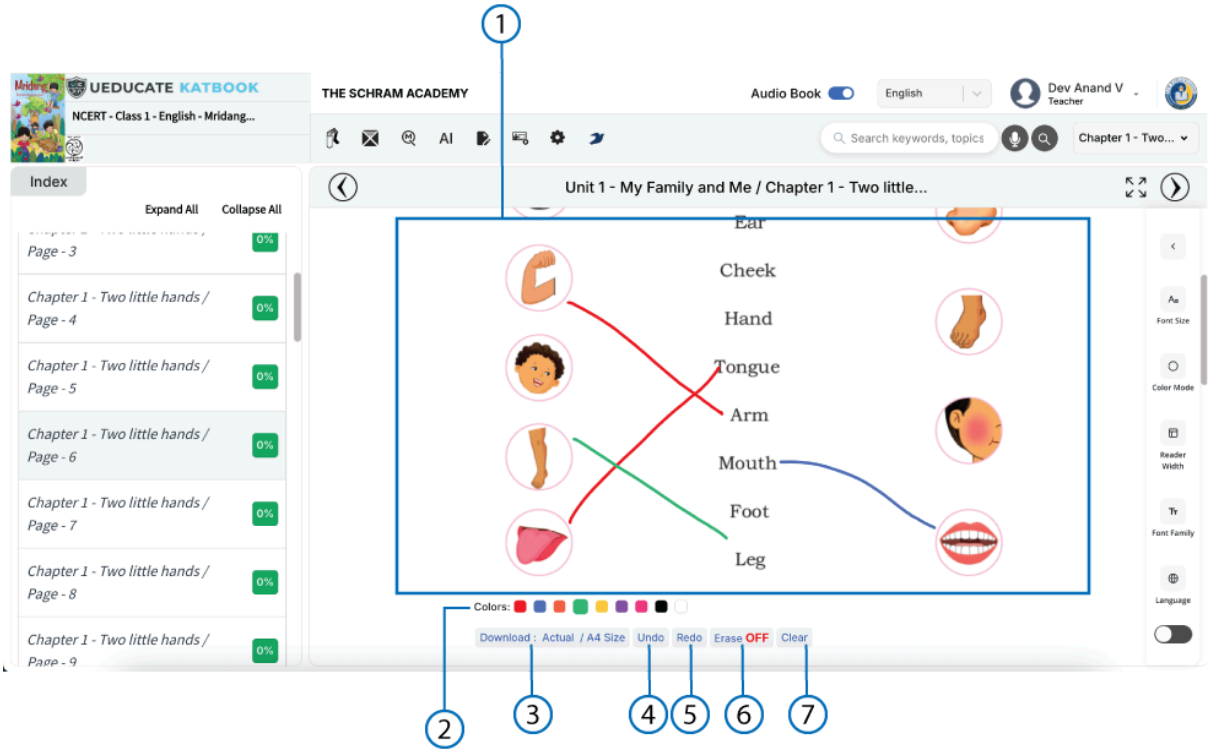


Fig. 8

Fig. 8 explained

1. With a draw and practice tool, one can draw with the color pencil tool in the exercise space.
2. Select any color from the color palette
3. One can even download the exercise for practising offline
4. Use the undo button to undo any drawn element
5. Use the redo button to bring back the deleted element
6. With the erase tool, erase any drawn element from the exercise
7. You can clear all the draw elements with one click and start fresh

4. **Interactive Exercise with speech-to-text and fill in the blanks** - One can speak out the answer with the microphone button to give the answer. One can even type the answer in the boxes by simply clicking on them.

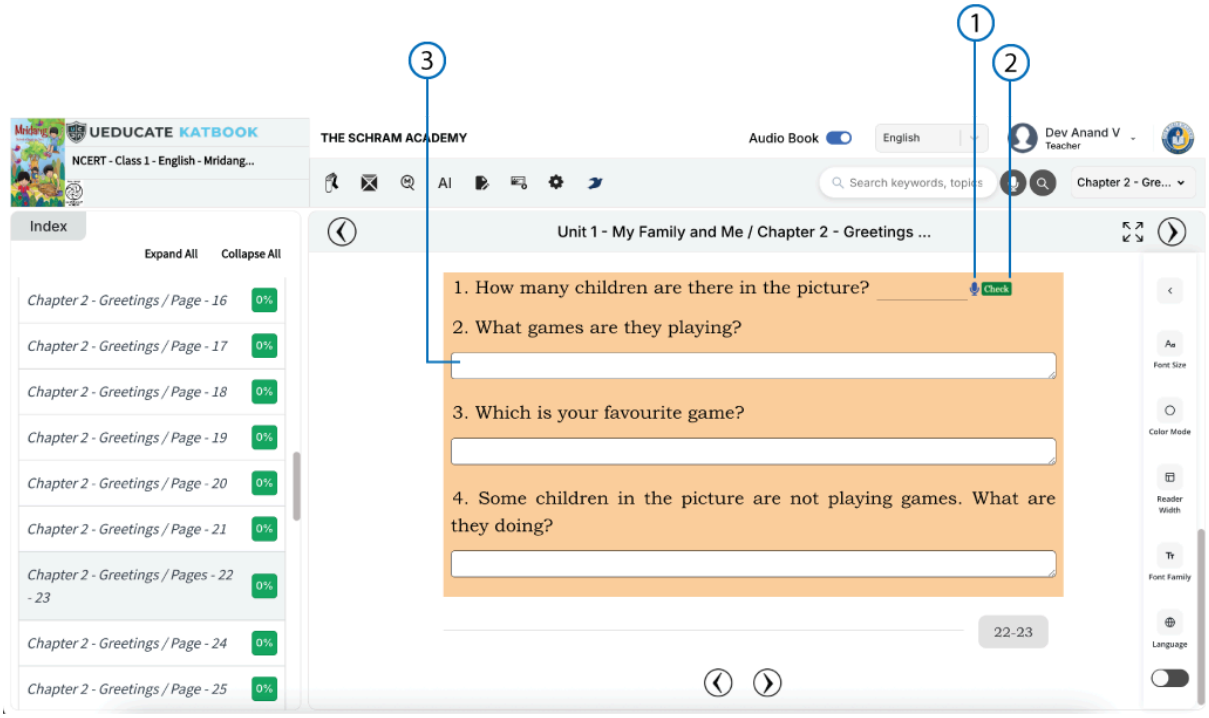


Fig. 9

Fig. 9 explained

1. Press the microphone button and speak out the answer.
2. Once the answer appears, press the check button and the KATBOOK will prompt if the answer is correct or not.
3. One can even simply type the answer in the box given

Audio Book Mode: OFF

You can toggle the audio book mode to OFF from the top. Fig. 10

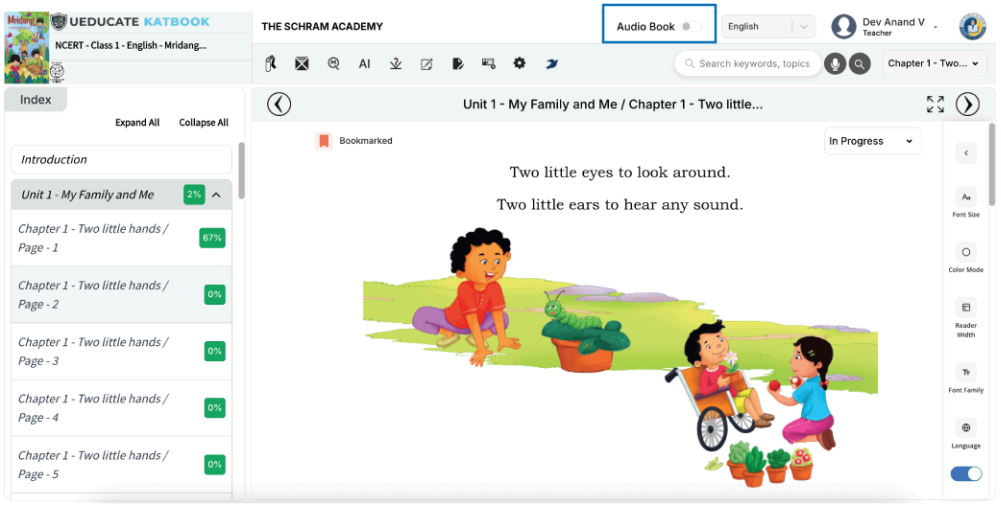


Fig. 10

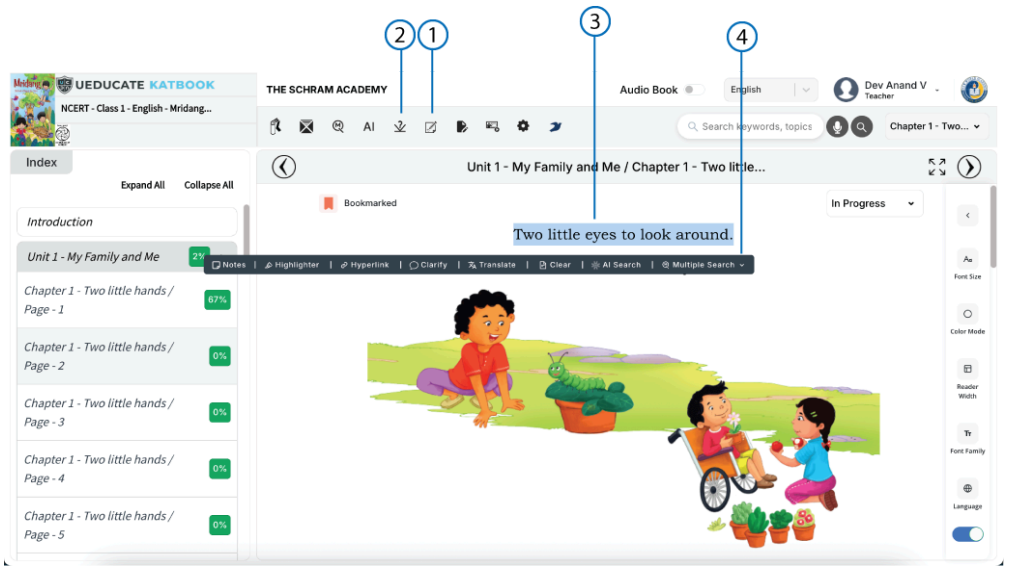


Fig. 10.1

Once the Audio Book Mode is turned off, multiple other interactive features are activated like: (Fig.10.1)

1. Personalisation feature - Notes, highlights, bookmarks and hyperlinks
2. In-book clarification feature *(This feature is not applicable in the NCERT pilot)*
3. You will now be able to select any text from the KATBOOK
4. When you select any text, a menu bar with the following features will be visible: Notes, Highlighter, Hyperlink, Clarify, Translator, Clear, AI Search & Multiple Search

1. Personalisation Feature - Taking NOTES

You can take any number of notes by simply highlighting any word or text and clicking on the notes button from the black colored menu bar. Fig. 11

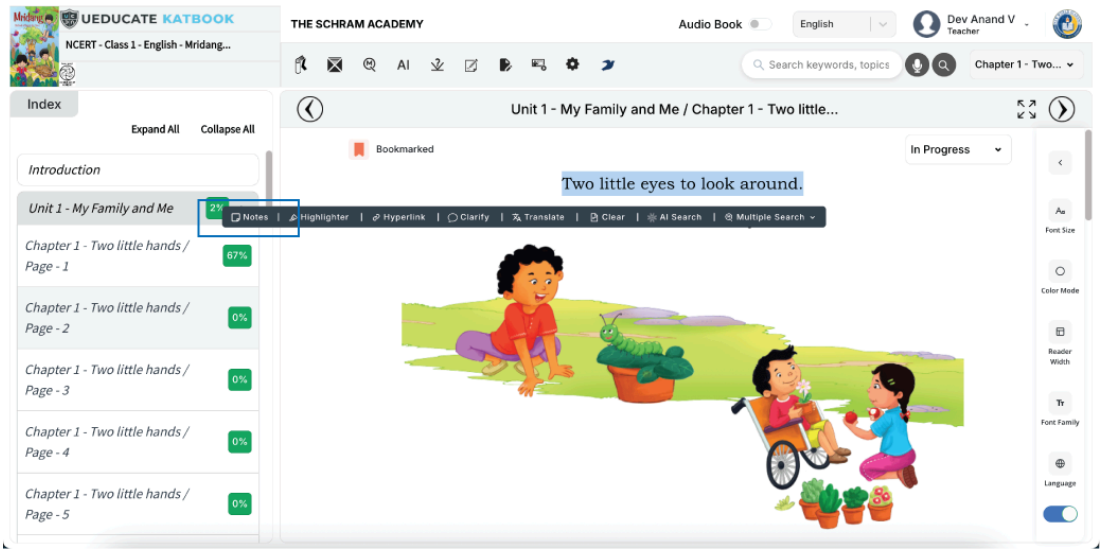


Fig. 11

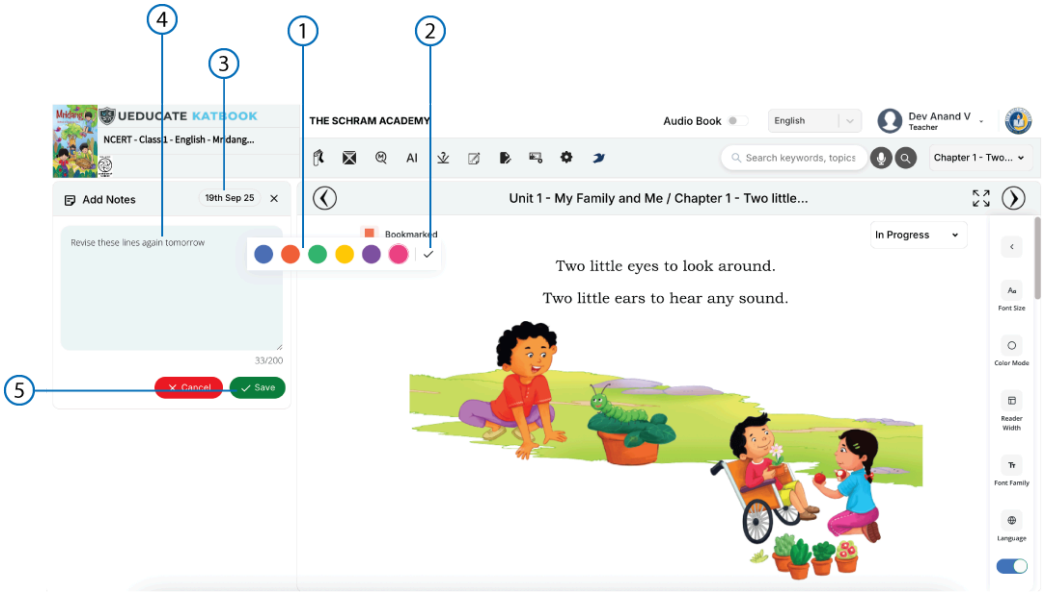


Fig. 11.1

Fig.11.1 explained

1. Once you have highlighted the text and selected the notes button (as per fig.11), you can select the color code for the notes
2. Click the tick button after selecting the color
3. Date on the note will be mentioned here
4. Enter your personalised note
5. Click the green save button to save the note

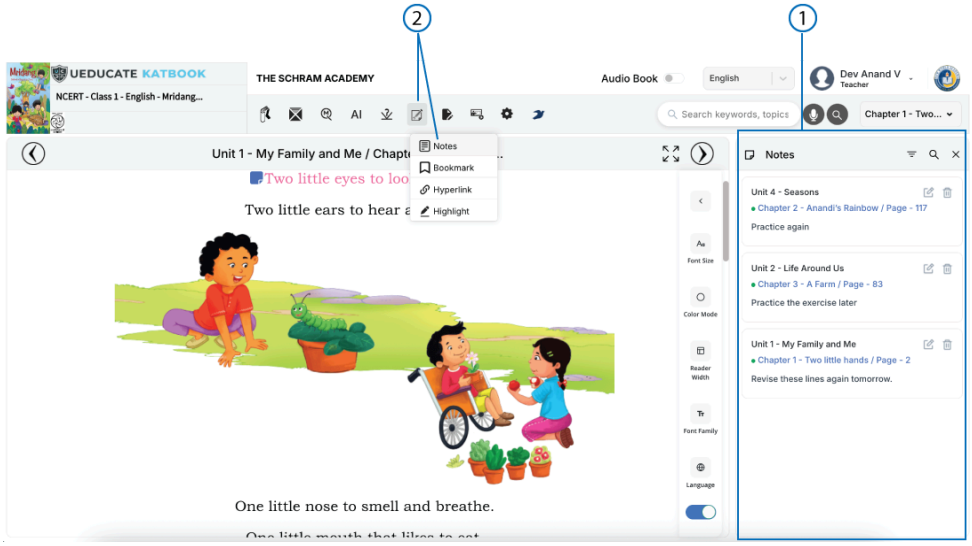


Fig. 11.2

Fig. 11.2 explained:

1. Your saved notes will appear here on the Notes Panel on the right side
2. You can also access all your notes from the top menu as well

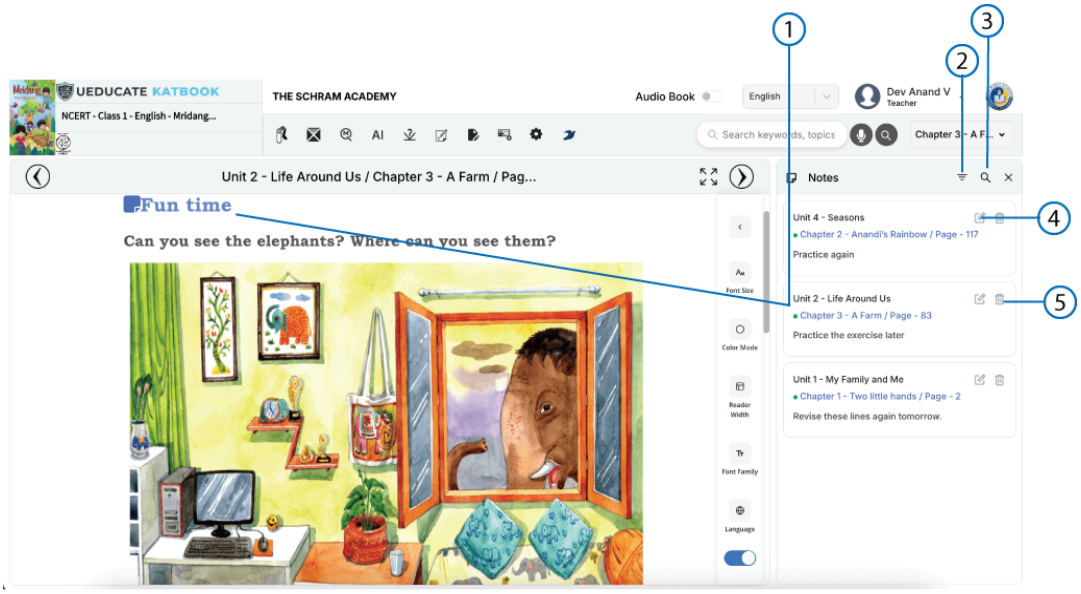
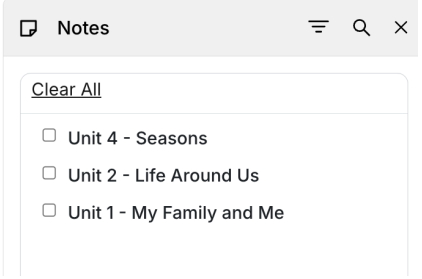


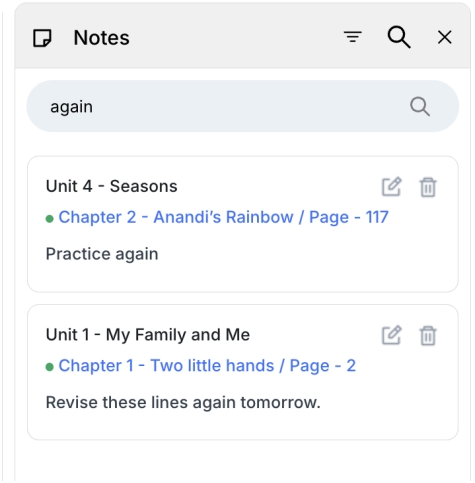
Fig. 11.3

Fig. 11.3 explained:

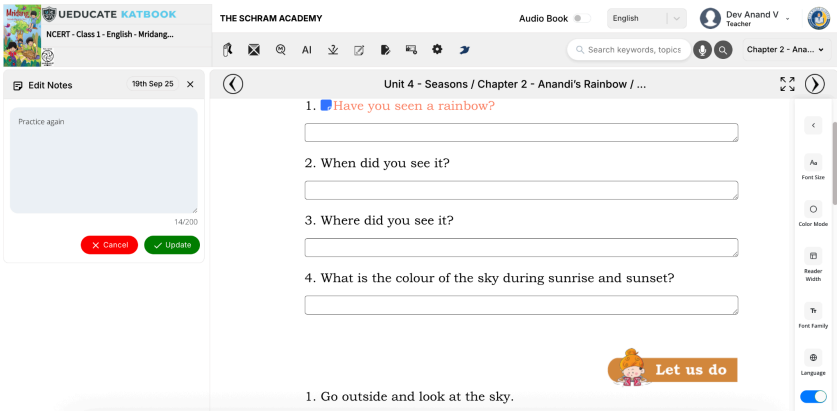
1. You can click on any note and you will be taken to that part of the book
2. With the filter button here, you can select the units from where you want to view you notes and only those notes will be visible to you



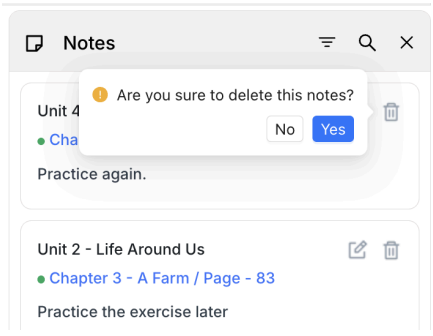
3. With the search button, you can type the word, and all notes containing that word will be visible to you for easy access. Simply select and access the note where you saved it in the KATBOOK



4. From here, you can edit any note anytime. SImply click on the edit icon and the note update window will appear. Edit the note and save by clicking update.



5. You can also delete any note anytime by clicking the bin button here and then choosing yes to delete the note and your note will be deleted.



2. Personalisation Feature - Taking HIGHLIGHTS

You can do any number of highlights by simply highlighting any word or text and clicking on the highlighter button from the black colored menu bar. Fig. 12

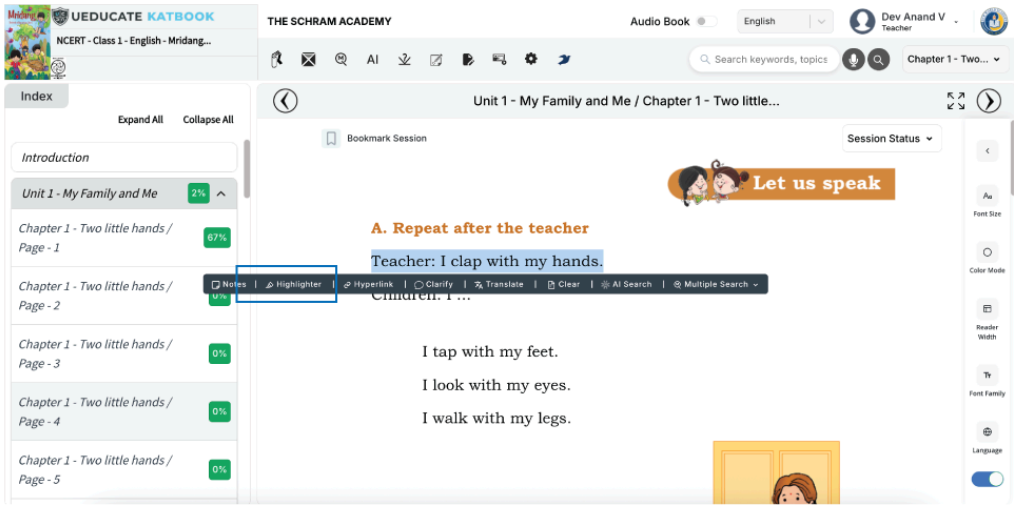
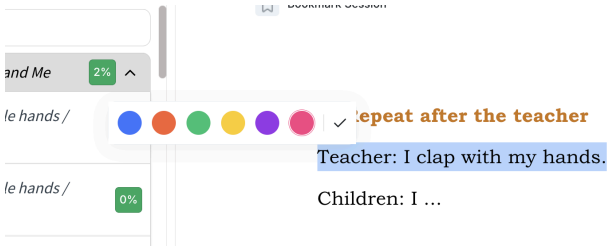
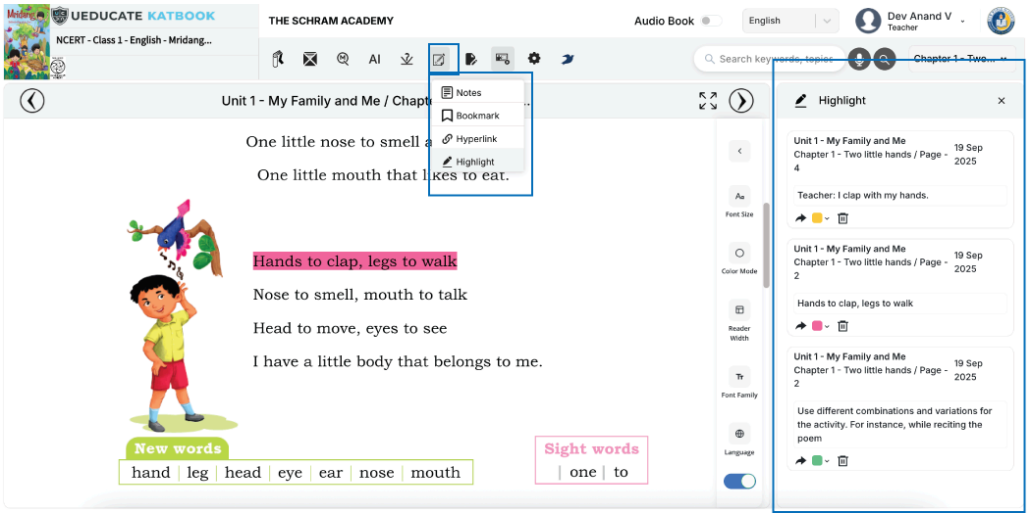


Fig. 12

1. Then simply select the color code for the highlighter and press the tick button



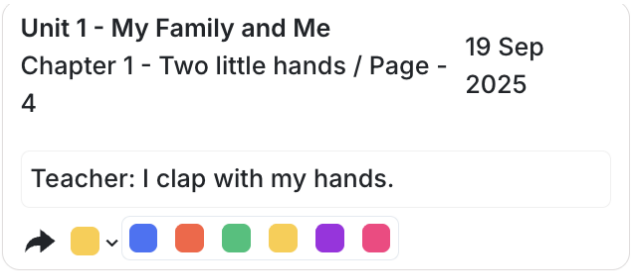
2. Your saved highlights will appear on the right panel. You can even access all your highlights from the top menu bar



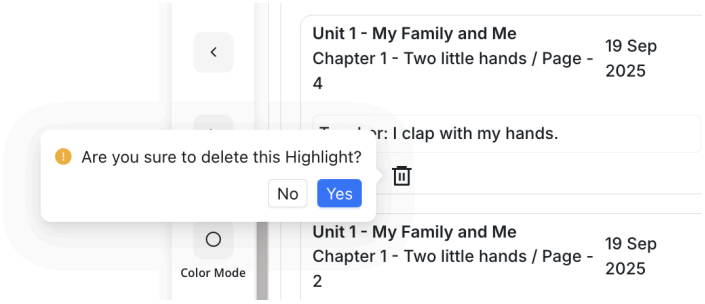
3. Click on the arrow key to access any highlight instantly



4. You can change the color code of any highlight by simply selecting the color from here



5. You can also delete the highlight anytime by clicking on the bin button and selecting Yes.



3. Personalisation Feature - BOOKMARKS

You can make any number of bookmarks for sessions and add a note along with it to referencing.

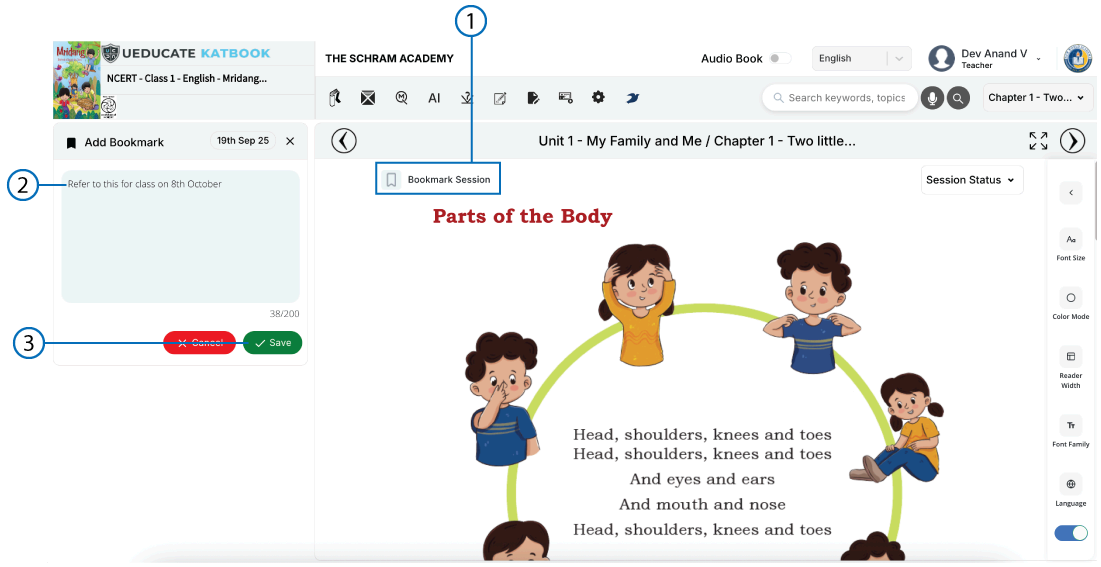


Fig. 13

Fig.13 explained:

1. A bookmark button is available for every session/page in the KATBOOK. Simply click on the button
2. Enter the text or note with which you want to save the bookmark
3. Press Save button to save the Bookmark

Your saved Bookmarks will appear on the right panel. You can even access all your Bookmarks from the top menu bar. Fig 13.1



Fig. 13.1

Search, Editing and deleting Bookmarks - Same as Notes (Refer page 24)

4. Personalisation Feature - HYPERLINK

You can hyperlink any selected text to any chapter/session/page from the book and access it anytime by just a click of a button. Simply highlight the text and click the hyperlink button from the black colored menu bar. Fig. 14

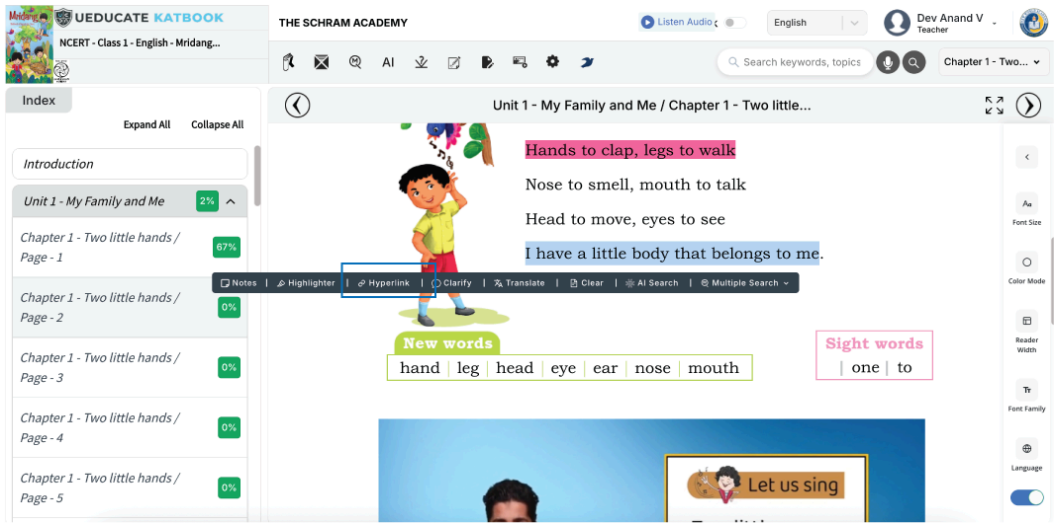


Fig. 14

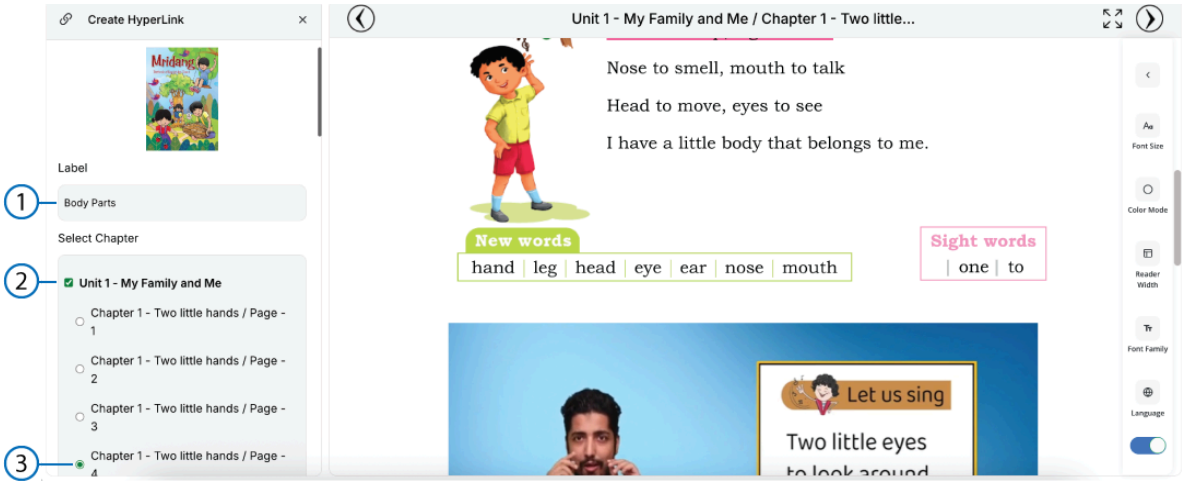
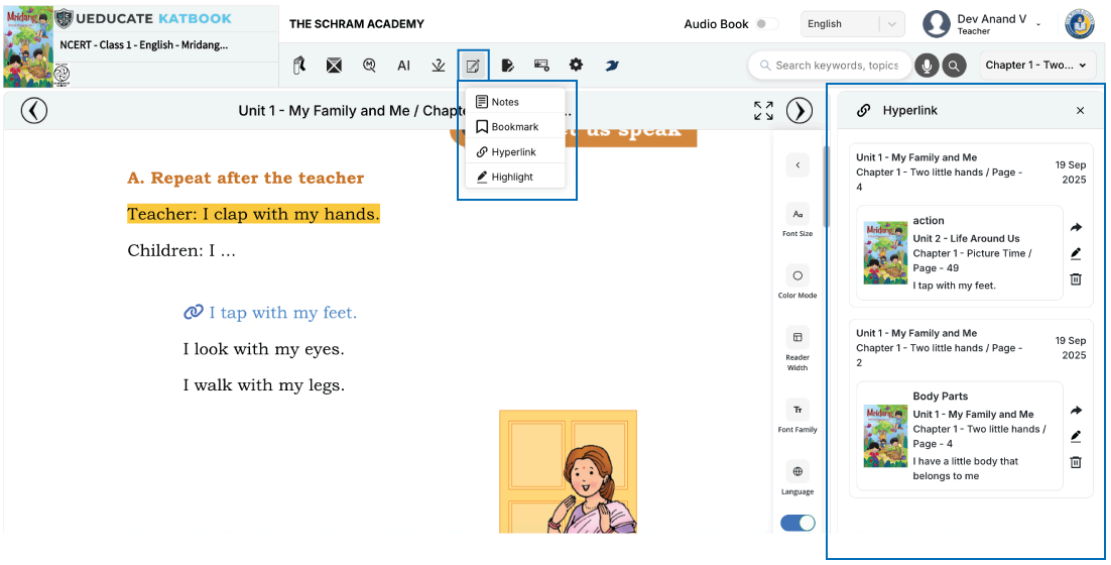


Fig. 14.1

Fig. 14.1 explained

1. Once you have selected the hyperlink button, then you need to put the label with the text.
2. Then select which unit you want to link the text to
3. Then select the Chapter/page
4. Select Save to complete the hyperlink

Your saved hyperlinks will appear on the right panel. You can even access all your hyperlinks from the top menu bar



Click on the arrow ➦ key to access any hyperlink instantly



Editing and Deleting the hyperlink works same as note - Refer page 24

Translation Feature

Any word can be selected from the KATBOOK and translated into multiple regional languages. Simply select the word and click the translate button from the black colored menu bar. Fig 15

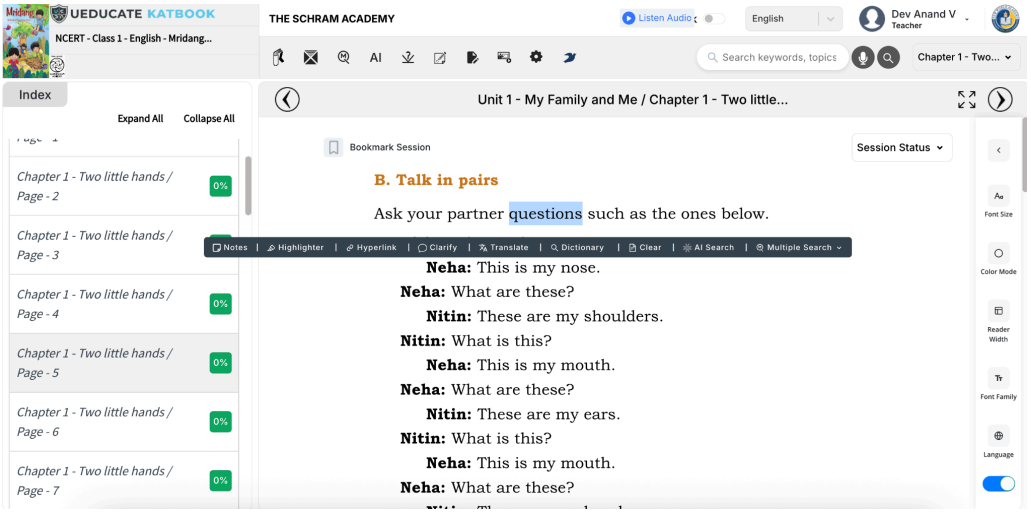


Fig. 15

Then click on the drop down button to select the preferred language or you can even type the language and select the same. The result will be displayed instantly. Fig. 15.1

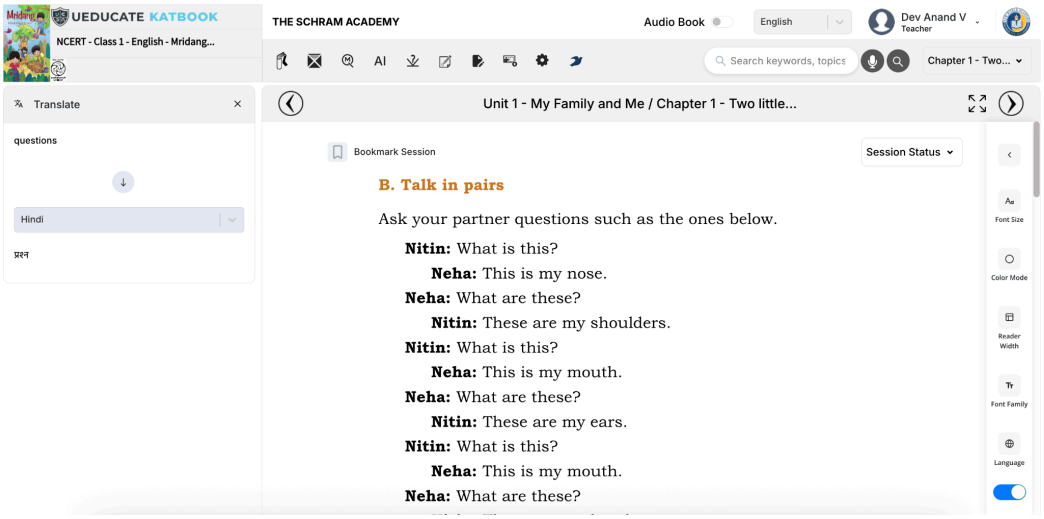


Fig. 15.1

Dictionary Feature

Any word can be selected from the KATBOOK and you can find a dictionary meaning for the same from the in-built dictionary. Simply select the word and click the dictionary button from the black colored menu bar. Fig 16

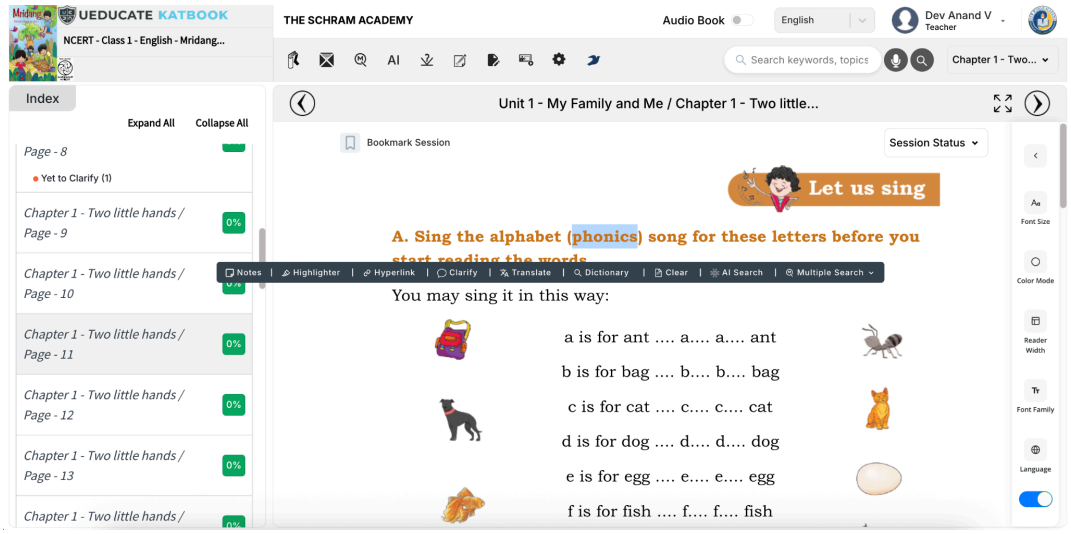


Fig. 16

The dictionary meaning will be instantly displayed on the left panel Fig.16.1

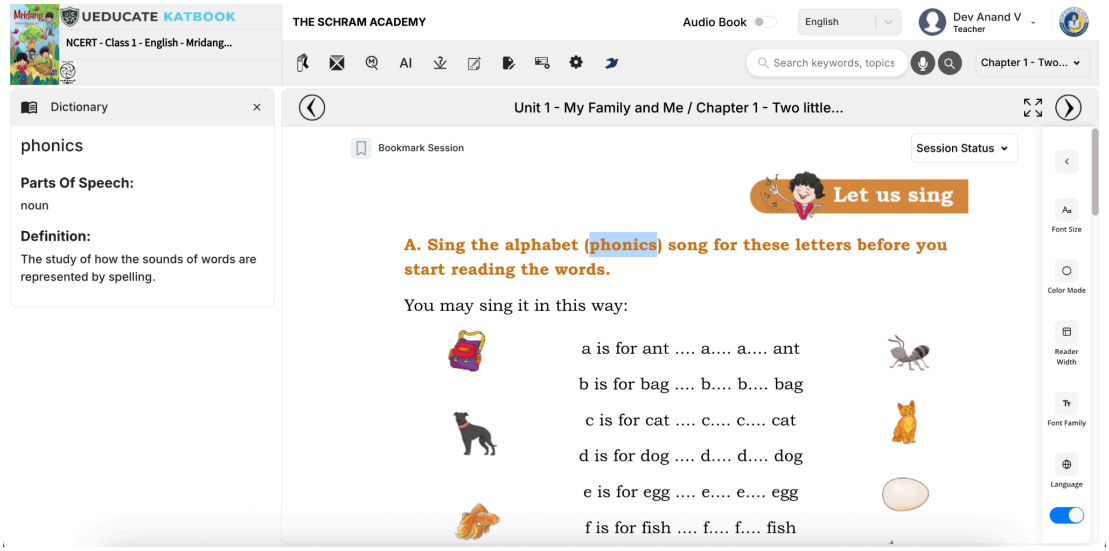


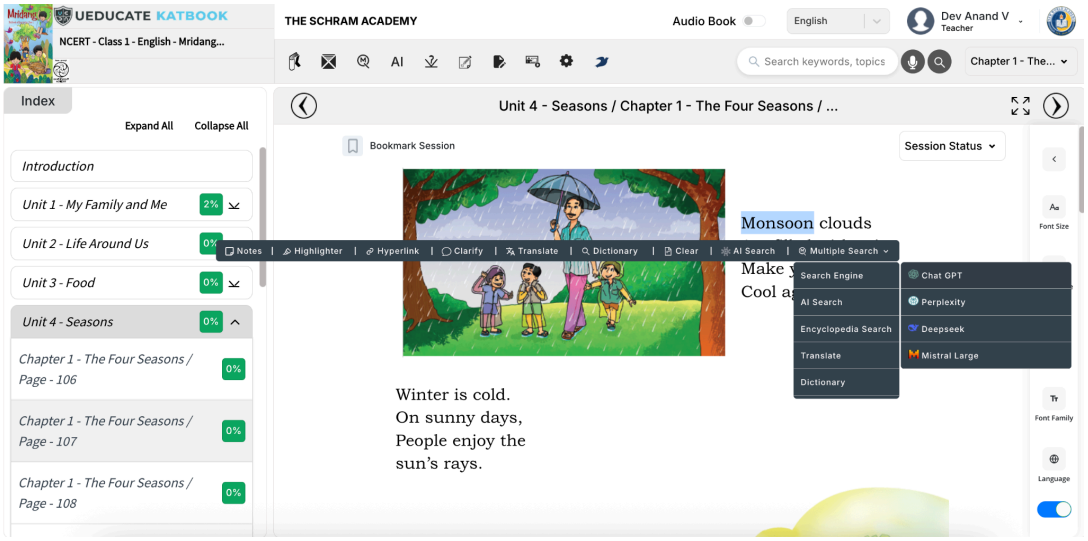
Fig. 16.1

Multiple Search

If you want more information on any word or topic in the book, use the Multi Search option. It gives results from:

- Web browsers like Bing and Yep
- AI like ChatGPT, Perplexity, Deepseek, Mistral Large
- Encyclopedias like Wikipedia, Britannica, Britannica kids, Scholarpedia, New world encyclopedia
- Translate from Microsoft Translator
- Dictionaries like Merriam, Your dictionary or Shabdkosh Dictionary

Simply highlight any word or text click on any source followed by the preferred module and look for more information.



For details, refer to multiple search on Page 9 & 10

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