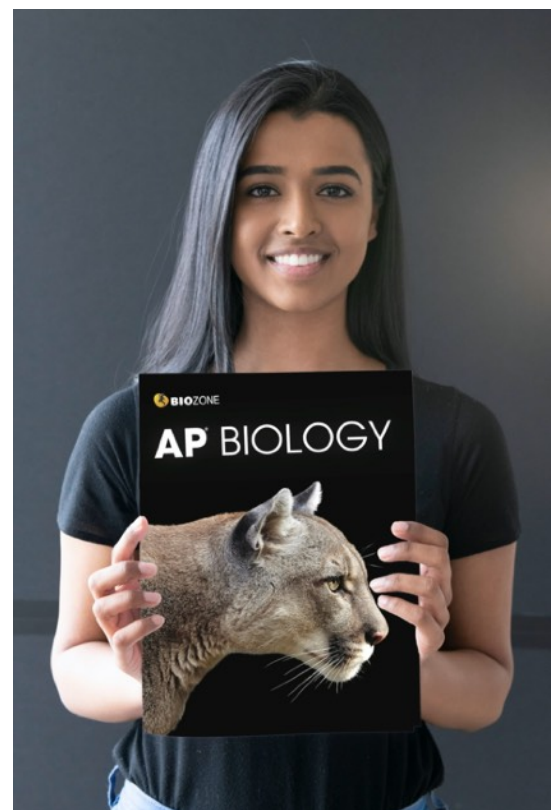# STUDENT USER GUIDE

Version 1.5

WELCOME to BIOZONE WORLD ....
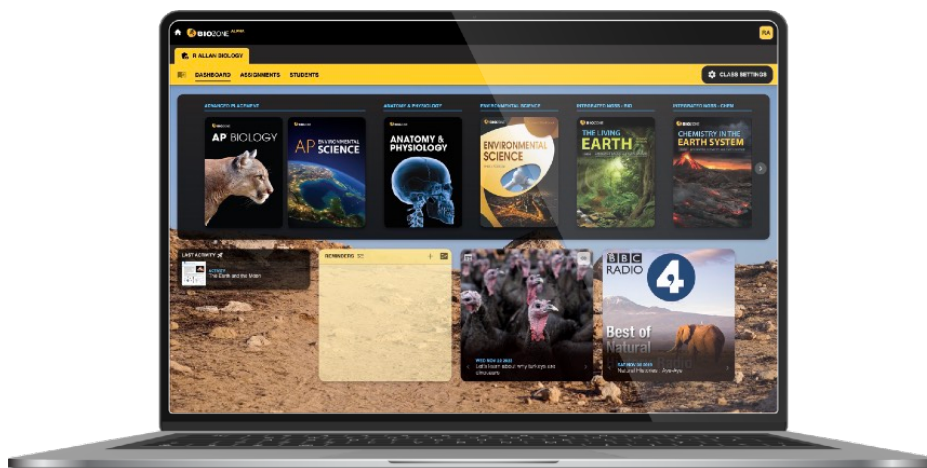*a stunning new science content delivery platform*

BIOZONE WORLD provides a digital replica of our highly acclaimed print titles, together with our rich collection of online resources:

- **Digital replicas** of our **books** allows each student to answer free response questions directly on the screen - your answers form your "record of work". Your teacher may allow you to review your answers and improve them - if required.

- **Presentation slides** are provided for most activities.

- **3D models** appear on some activities - have fun exploring!

- Curated OER **videos** - these are short video clips

- Links to third-party **websites** - provide useful information

CONTENTS

Quick Start Guide

Go to the web site: world.BIOZONE.com

Registering and Logging On:

Sign in to your account using one of three methods:

1. **SIGN IN**: Enter your registered **email address** and **password** (this may already have been set up by your school IT Admin)

2. **ROSTERING SERVICE:** sign in with **ClassLink** or **CLEVER** (if your school is subscribed to these single sign-on integrations).
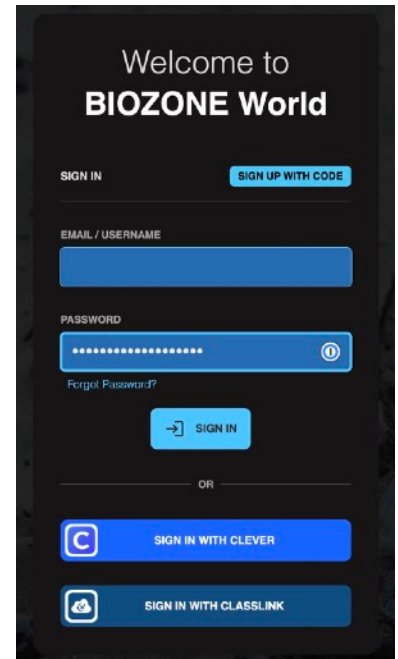
3. **HOME SCREEN**: Click on the book title cover you see here. You probably will only see one book title here. If your licence gives you access to more than one book, each title will be displayed here.
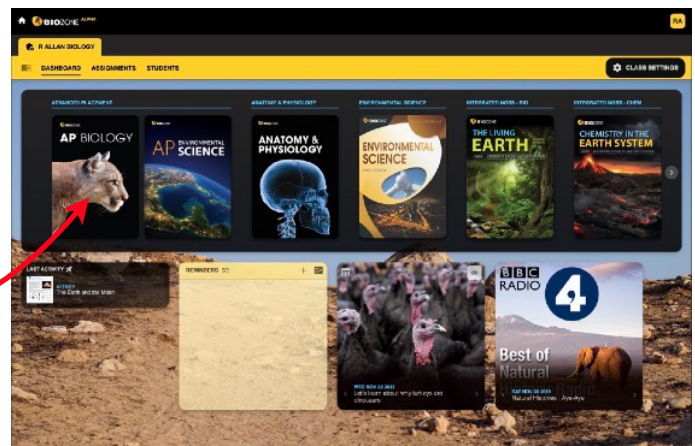
4. **EXPLORE THE BOOK**:
    Click on the chapter titles (blue), and then the individual activity titles (grey). This will display the pages of the book.
    Your licence may provide limited access to some features. You should be able to view pages, and access the linked resources attached to each activity:
    - **Presentation Slides**
    - **3D Models**
    - **Videos**
    - **Weblinks**

    NOTE: Some weblinks and videos require to be opened in a new TAB in your browser.
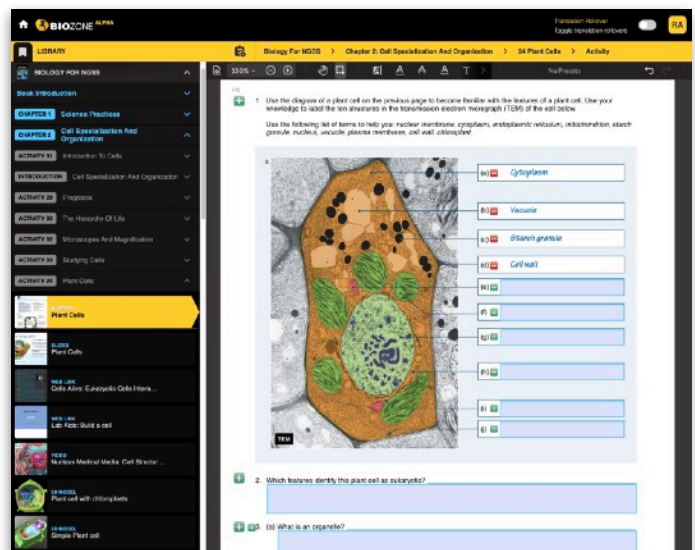
Dashboard | Home Screen:

Once logged in you will be presented with the Home Screen (depicted below).
The home screen allows you to see the **Dashboard.**

DASHBOARD Displays:

- **Book titles** that are registered to your account
- **Last Activity** that you were working on or accessed
- **Podcasts & RSS science news feeds** from science journals and magazines
- **Reminders** for things like due dates for assignments.
- **Assignments** (allows teacher to set assignments, monitor student progress)

User Settings: Turn ON/OFF dashboard feeds (podcasts and RSS news feeds).
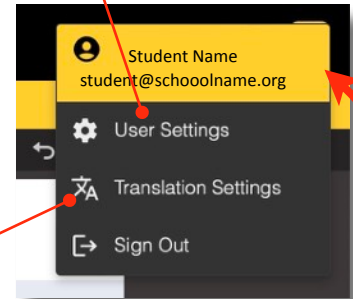
Translation Settings: Activate and choose from a list of languages for on-screen translation from English.

Account Details: Show your licence, user preferences and ability to Log Out.

Home: Navigate back to the home screen by clicking on the BIOZONE logo or home icon

Your Class Name: Your class name will appear here

Assignments: Allows teacher to set activities as assignments to whole classes or individual students.

Translation Toggle: Once translation is activated, this slider switch allows you to turn translation on or off.
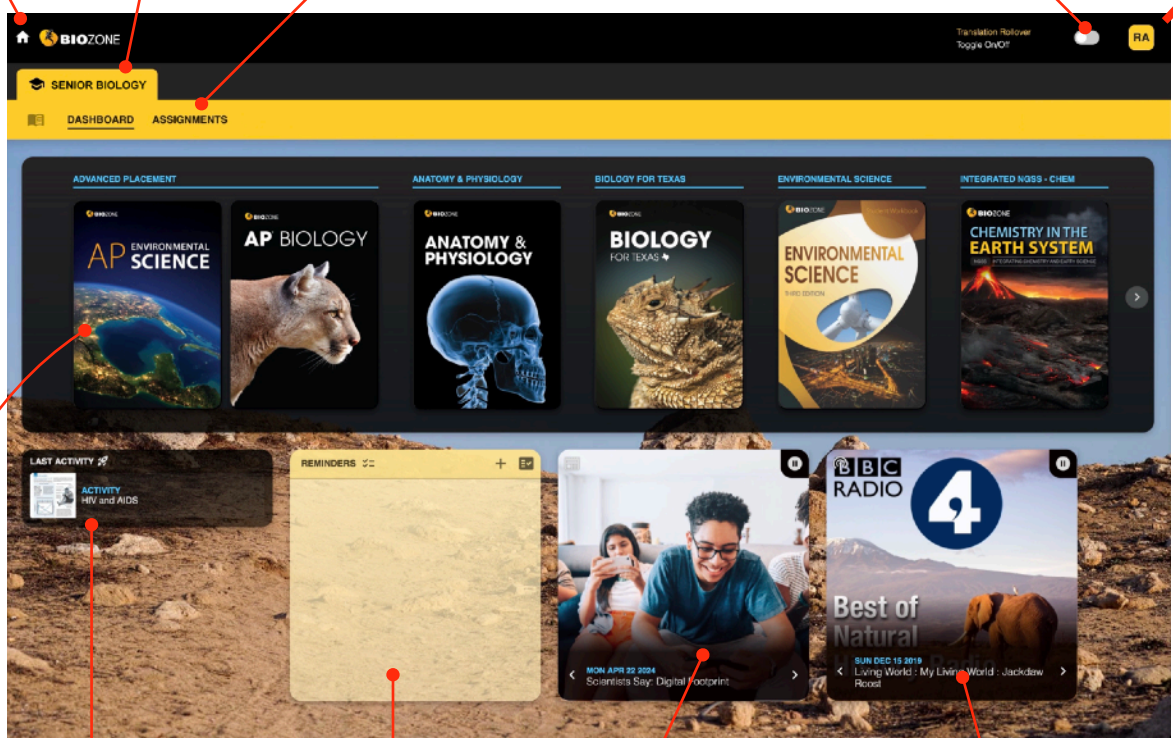
Go To Last Activity: This provides quick access to the work in progress

Titles Available: Access the books that are licensed to your account. Use left and right arrows to view more book titles attached to your account (that are hidden from view).

Reminders: Widget to create your own personal reminders or 'To Do' lists.

RSS Science News Feeds: Access live news feeds to several science journals and magazines that are refreshed daily, including:
- *Scientific American*
- *New Scientist*
- *Science News*

Science Podcasts: Access live feeds to several science podcasts that are refreshed daily, including:
- *BBC Radio 4*
- *Nature Journal*

Accessing a Book

When a student logs on to BIOZONE WORLD, the dashboard shows the book title attached to their account. Click on the book title to open the book and start exploring.

Student Access Features:

- **Interactive Replicas** of the printed books allow students to answer questions online …

    … this forms a "Record of Work" and may be graded by the teacher (if desired).

- **Presentation Slides**: Many of the activities have a selection of presentation slides that can be used by the teacher to provide context and background notes for the students - great for introducing a lesson - or reviewing at the end.

STUDENT VIEW shown below:

Library Toggle:
Click this button to show or hide book pages and resources.

Chapter Title:
All chapters are displayed in blue.

Activity Title:
Activities are numbered and displayed in grey

QR Codes: Some of our newer books feature QR codes. A student can use their mobile phone or tablet to scan this code and link to a 3D model.

Book Title:
More than one book may be displayed.

Activity Pages:
May be a single page or several pages.

Presentation Slides:
Any slides relevant to the activity will be accessed here.

Curated Videos:
Mostly hosted on YouTube, these play within the platform.

Curated Web-links:
These will display in a new TAB in your browser as some have special display requirements.

3D Models: BIOZONE's collection of 3D models are often annotated and a provide a great lesson enrichment opportunity.

Student Responses:
Students double-click on one of the blue fields to type in their responses to questions.

Reveal Answers:
Teacher Only access - Your teacher may display the suggested answers on an interactive whiteboard to review a lesson.

Additional Features

Don't get lost - there is a clear roadmap of where you are currently in any title in BIOZONE World:

Breadcrumbs:
This shows you the path of where you are in any book
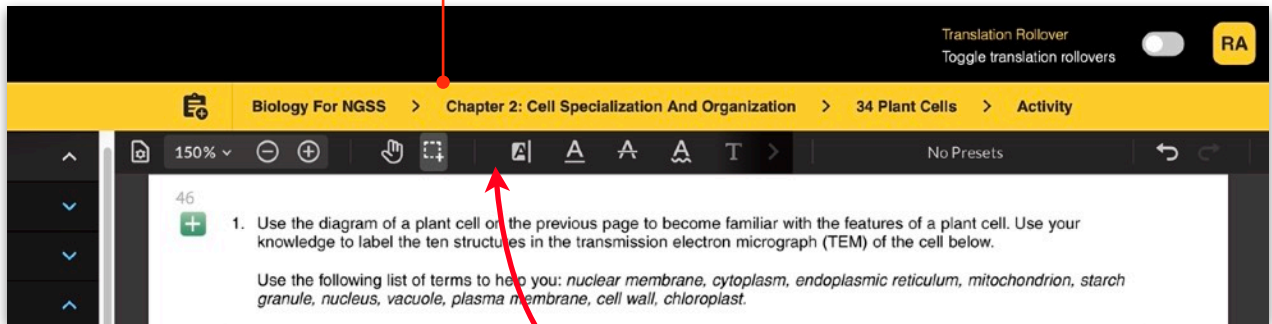
Tool Bar: There are various tools available to highlight, markup and comment on the page. See the explanation below.

Annotations and Markup

Students can add their own additional notes, draw on the page and highlight text passages.

Page Display Options:
There are various options to improve the way the pages of the book are displayed. When viewing videos and 3D models, you may wish to hide the navigation panel.

Select (Esc): Use this to select text on the page

Pan (P): Use this to grab the page and move it around

Markup Tools: Use markup tools to highlight, markup and comment on the page (keyboard shortcuts are shown in brackets).

Highlight **(H)**   Underline **(U)**   Squiggly **(G)**   Rectangle **(R)**   Free Hand Highlight

Strikeout **(K)**   Free Text **(T)**   Free Hand **(F)**

Markup Pallet

HINT: **Library Icon**
Click this library/bookmark icon - if you wish to **temporarily hide** the library index

Access to Resources

Excellent interactives are provided with direct access to BIOZONE's own proprietary resources:

- **Presentation Slides**: Hundreds of slides are provided for each book title. These are grouped to suit each activity. Not every activity has a slide, while some activities can have several slides. These may be used to introduce a lesson or during the review at the end of a lesson.
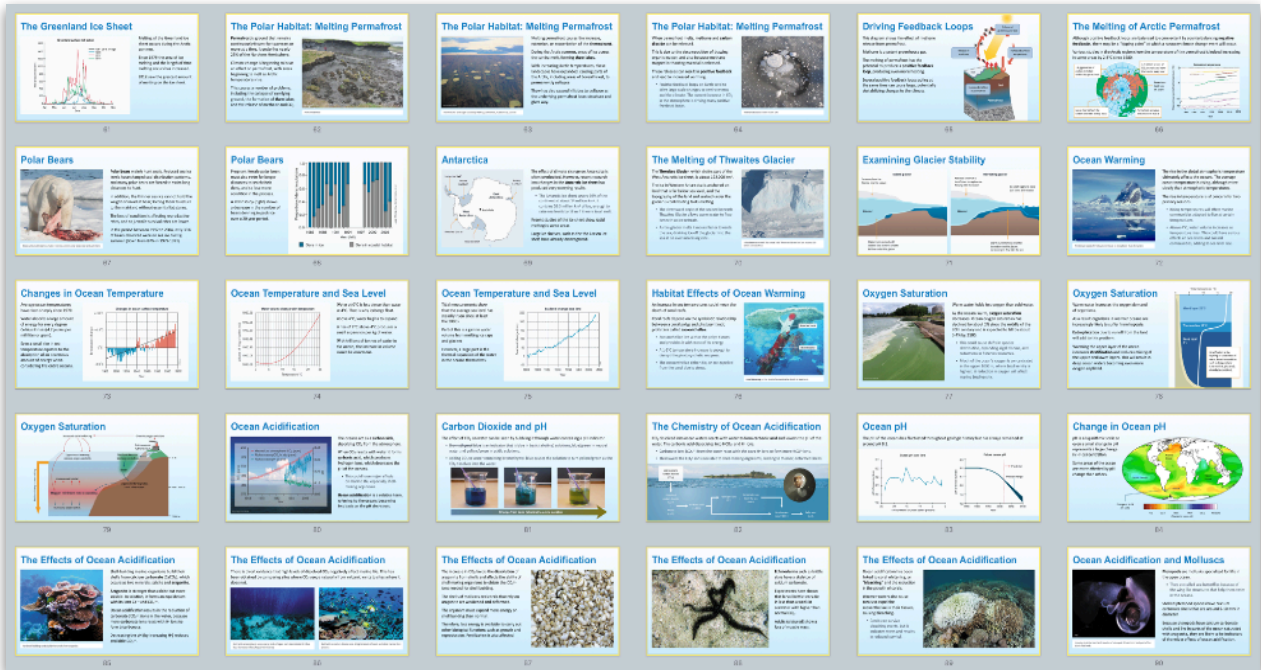
- **3D Models**: A rich collection of 3D models are provided for many activities. These create *"engagement moments"* for the student. Some are there for making a connection with the subject matter, while others provide detailed additional information - especially when the models are **annotated** with **descriptions**. Students can manipulate the models to understand structures, zooming in and out, and rotating them. Some models are also animated to illustrate a process or a behavior of a living organism.

**Annotations**: Some models have descriptions that identify structures.

Numbered labels: These indicate there are labels with descriptions.

Autopilot: If a model has annotations (labels) click here to start autopilot - this cycles through all of the annotations.

Full Screen: Click this icon to display the 3D model in full screen mode

Open Educational Resources **Enrichment Content**

- **Curated OER Videos**: BIOZONE has curated a comprehensive library of videos from third party providers. Carefully selected and reviewed, these short videos can often add real value to a lesson. Most video content is hosted by **YouTube**, therefore your school IT administrator must allow access to that source to enable this function.
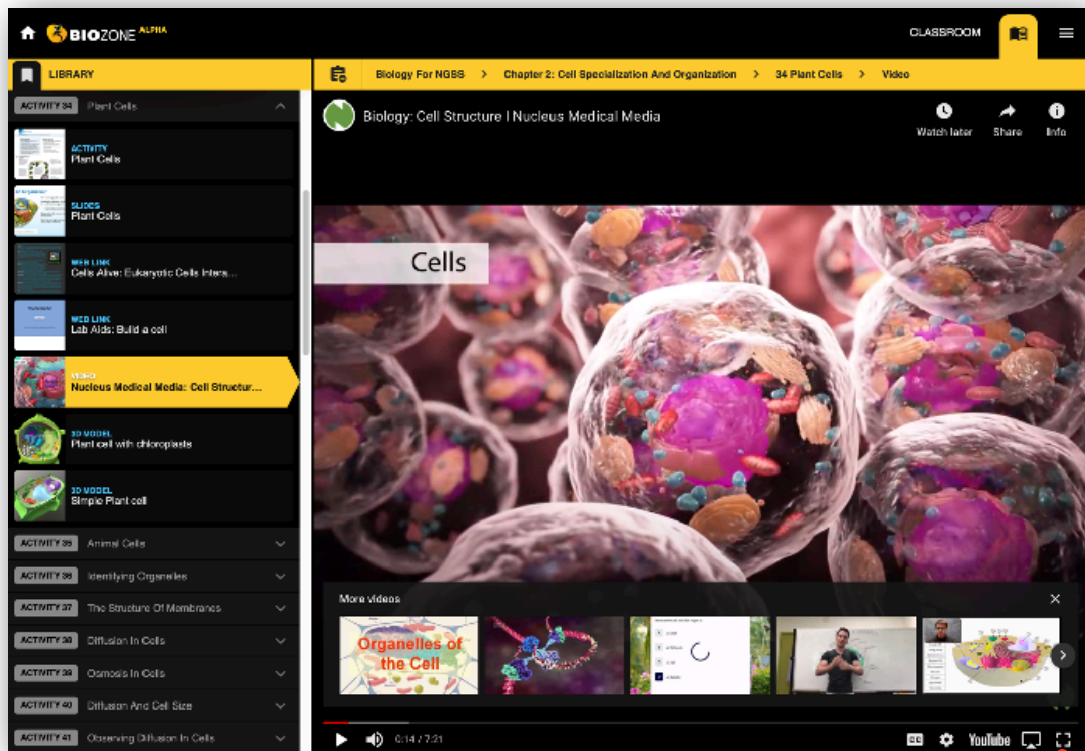
Full Screen: Click this icon to display the video full screen

- **Web Links to OER websites**: A variety of Open Educational Resources provide excellent material to enhance your lessons. BIOZONE has curated a useful collection to augment most lessons (the one shown below is an online simulation). Because many of these websites have specific requirements to function, they will always open in a new TAB in your browser. An example is shown below:

Language Translation - A New Experimental Feature

BIOZONE has released a *new experimental feature* - the realtime translation of highlighted (English) text into any of **150 other languages**, using the Google Translate service. The 25 most commonly requested languages are currently active. This feature is experimental because we wish to test the performance of the service with real customer data, as well as evaluate how well it performs as a solution to support English Language Leaners (ELL students). We will be seeking feedback from users about how well it is solving the problem: how to support English-language learners with such a diverse range of homeland languages.

How it Works:

1. Go to the top right hand corner of the screen and **click on the User Account** (here shown as RA).
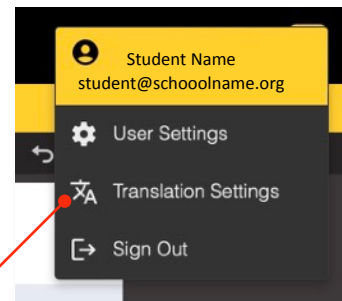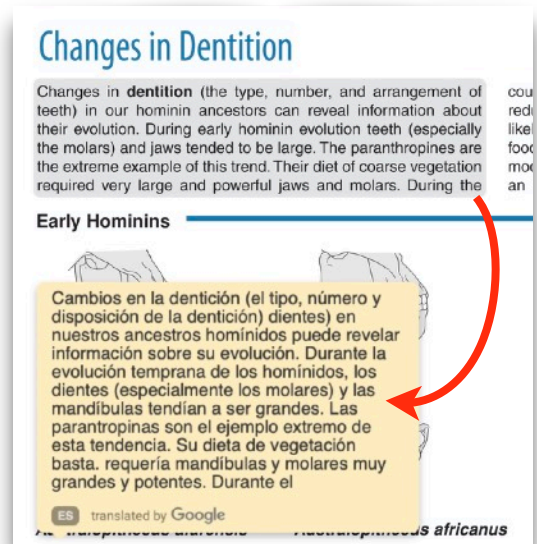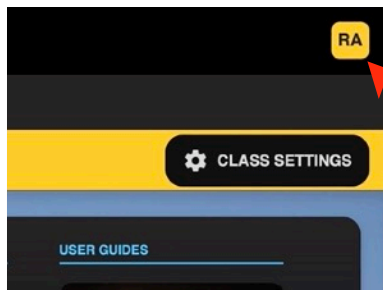

Language Translation: Choose from a list of languages for on-screen translation from English.

2. Choose **Translation Settings**: to select which language (see panel right):

   Currently 25 languages are available, with more to be added as soon as testing permits. You can change the language displayed at any time by going back to the Translation Settings. Click on the desired language.

3. Once activated, pointing the mouse at a text block in the book page will show the translated version on a nearby pop-up panel. A **slider switch** will appear at the top right-hand side of the screen. This allows you to turn OFF and turn back ON the translation function at any time.
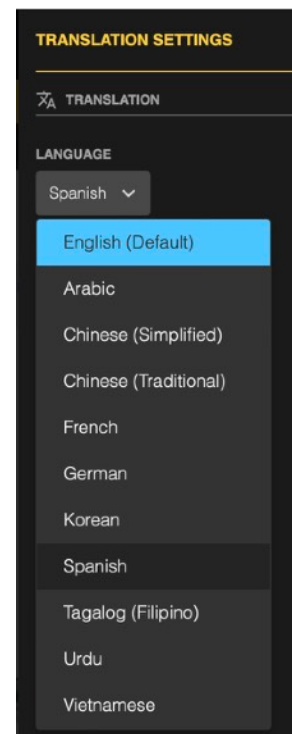
Translation Slider Switch
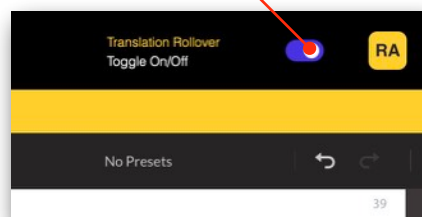
Limitations:

- Translates only text from the book itself.
- **Does not translate student answers**, nor any annotations (notes) that the student applies.
- **Does not translate the resources** listed in the library (videos, 3D models, Websites).
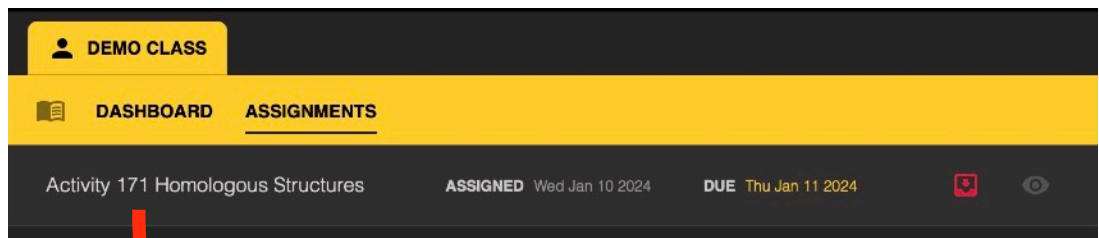
Assignments

Student Answering an Assignment:

1. From the Dashboard (Home screen) the student clicks on the **ASSIGNMENTS** menu to see current activities assigned to them.
The display will now show all current activities assigned to the student for completion.
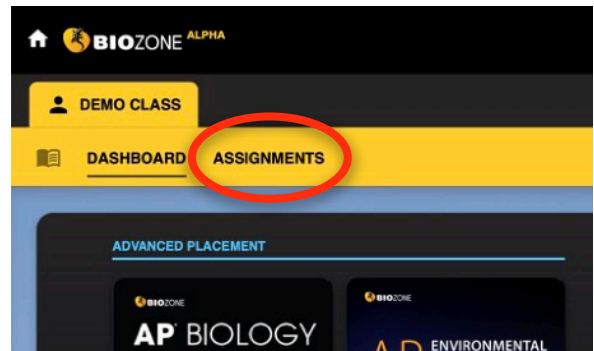
2. Click on the **Activity** assigned to begin working on the assignment.

3. Double-click into the answer boxes (pale blue) next to each question and type in your answers.

4. When you have entered answers, you may still go back and edit them until you click on the "**HAND IN**" button (bottom/right). This cannot be "undone" by the student, so take care to check your answers before submitting.

5. This will submit the student answers so the teacher assigned to the class can view and possibly grade the answers.