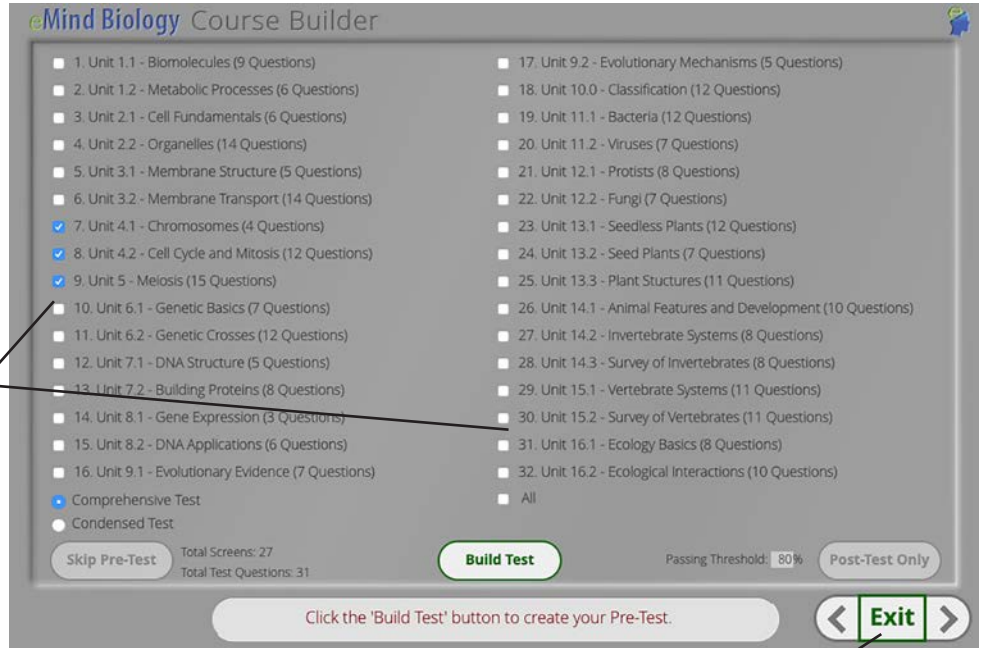


GETTING STARTED WITH eMind BIOLOGY • COURSE BUILDER

How to Begin



Click to select a unit, or multiple units, to be included in your course.

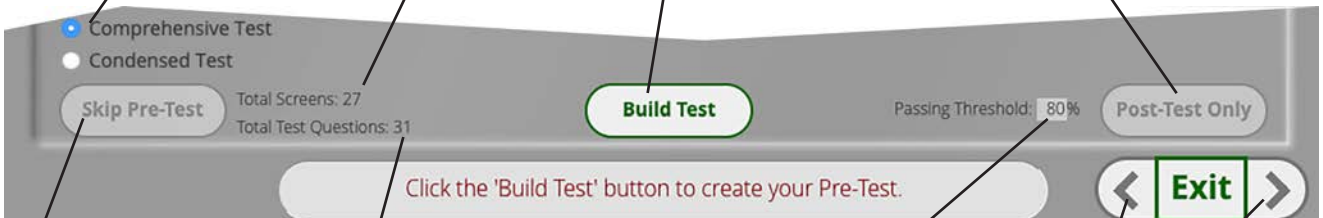
Click here to exit.

Click to select how comprehensive to make the test. The Comprehensive Test button builds a test that has greater accuracy, but it has more questions. The Condensed Test button will generate a smaller test, but it may not accurately measure the students knowledge.

This displays the maximum number of screen in the lesson. (This value may vary depending on unit pre-test scores.

Click the Build Test button to randomly generate Pretest questions for the selected unit(s).

Click to skip the Pretest and Unit Tutorials and only take the Post-Test.



Click to skip the Pretest and move directly to the first unit's tutorial.

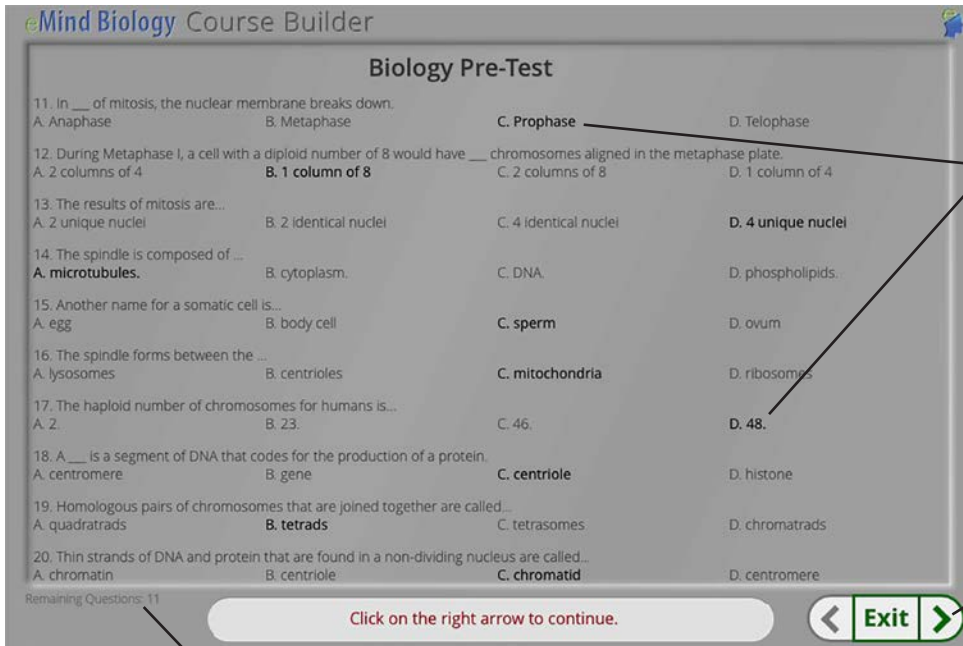
Any unit with a post-test score that is equal to or greater than this threshold, is skipped.

This displays the total number of questions that will be on the Pretest and Post-Test.

These move you through the Course Builder interface and then through each unit.



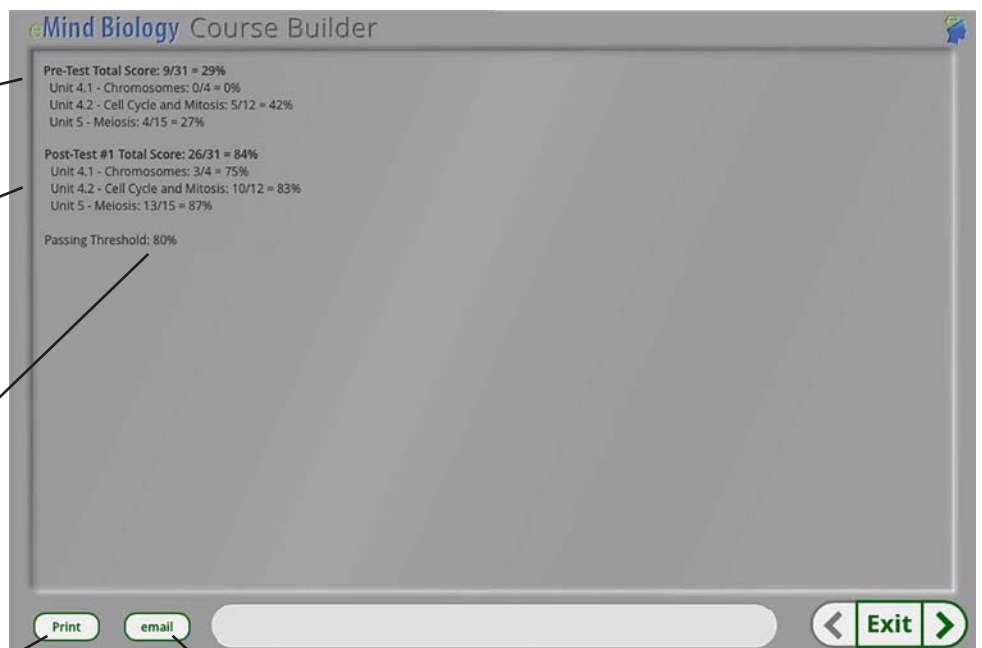
PRETEST and POST-TEST RESULTS



Answers selected are in bold print. No indication is given as to whether the answer is correct, or incorrect, on the Pretest. On the Post-Test the correct answers are colored green and the incorrect answers are in red.

When every question has been answered on the current screen, click the arrow to display the next set of questions.

This displays the number of remaining question to be answered.



The Pretest scores are itemized by unit.

The Post-Test scores are itemized by unit. All of the test session scores are displayed if the Post-Test is repeated.

The passing threshold that was set on the first screen is displayed here.

The Print button allows the student to print the itemized results.

The email button allows the student to email the itemized results.

DOING THE UNIT TUTORIALS

Number of the current screen.

Every screen has graphics that illustrate the topic that is described in the text below. The student demonstrates an understanding of the information by clicking on the correct portion of the graphic.

Information is presented in the text field in a progressive manner, usually line-by-line. As the text builds, the graphic above also changes, to reflect the new information.

Chromosomes are condensed chromatin that appear during cell division.

- Eukaryotic cells have multiple rod-shaped chromosomes.
- Chromatin is composed of **DNA** wrapped around **histone** proteins for support.
- A **nucleosome** is a single unit of DNA and the histone proteins that it's wrapped around.
- **Genes** are segments of DNA that code for a specific protein.

Click on the gene.

Exit

The prompt field instructs the student to interact with the graphic, allowing them to demonstrate their understanding of the information presented in the text field.

The advance arrow is enabled when the student demonstrates an understanding of the information by clicking on the correct parts of the graphic.

Meiosis Phase Quiz

Click on Anaphase I of Meiosis.

You have missed too many questions. Click the arrow to review this section.

Exit

Periodically the student encounters a quiz that covers the information previously presented. If the student responds incorrectly too many times, a Return Arrow appears that will direct them back to review the content covered by the quiz.

Custom Course Builder

This panel is only visible if you have purchased the eMind Tutorial Suite. With this option you can design lessons using any combination of the 32 modules. Each lesson can have a pretest and post-test. Students that meet the passing threshold for a module will skip that module and only see the ones that they haven't mastered. You can have up to 12 custom lessons active at one time.

This value is used to build the units that the student will view. They will only see the units that they scored below this value on the pretest.

The total lesson screens and number of test questions associated with the selected custom lesson.

The Comprehensive Test button builds a test that has greater accuracy, but it has more questions.

The Condensed Test button will generate a smaller test, but it may not accurately measure the students knowledge.

If checked a lesson will begin with a pretest. Students will only view units in which they score below the Passing Threshold.

If checked the student will go directly to the post test and will not view any tutorials.

Click on the first empty title to create a new lesson.

Click on an already defined lesson to edit it.

The screenshot shows the 'Custom Course Builder' interface. At the top, there is a dropdown menu labeled 'Custom Course Builder'. Below it is a list of 32 units, each with a checkbox and a description of the unit and the number of questions. Units 10, 11, 16, and 17 are checked. Below the list, there are two radio buttons for 'Comprehensive Test' and 'Condensed Test', and two checkboxes for 'Pretest' and 'Test only'. A 'Passing Threshold' field is set to 75%. Below these are two summary statistics: 'Total Lesson Screens: 40' and 'Total Test Questions: 20'. At the bottom, there is a 'Build Lesson' button and a row of lesson titles: '1. Genetics & Evolution', '2. Cells', '3. Metabolic Processes', '4. Custom Lesson #4', '5. Custom Lesson #5', '6. Custom Lesson #6', '7. Custom Lesson #7', and '8. Custom Lesson #8'. A search bar contains the text 'Genetics & Evolution'.