

What Is Active Learning in Majors Biology?

Active learning refers to a variety of teaching strategies with the common goal of actively engaging students in the learning process. Studies show that, compared to the passive transfer of information, active learning can result in:

- Greater development of critical thinking skills
- Better understanding of challenging concepts
- A more equitable and engaging learning environment



McGraw Hill Active Learning Digital Resources

BEGINNING OF SEMESTER

BEFORE CLASS

DURING CLASS

AFTER CLASS

Biology Prep

Helps underprepared students identify and reduce gaps in prerequisite knowledge that are critical for them to understand and succeed in the course. By addressing these gaps early, you can ensure that your students are as ready as possible to engage in active learning.

SmartBook® 2.0

Helps students master the foundational knowledge of a chapter or topic through an adaptive combination of reading and formative assessment.

Preparing your students with the basics outside of class frees up in-class time for active learning, and student performance data helps identify areas where students need more practice.

Active Learning Activities

McGraw Hill provides a bank of ready-to-use activities to incorporate into your teaching arsenal. This content includes: clicker questions, concept maps, guided collaborative activities, data and graphing interactives, and minute papers.

Upper-level Bloom's Assessment

Allows students to test their knowledge and apply their critical thinking skills outside of class. Student performance data helps identify concepts/skills to reinforce before exams.

Regardless of how you teach, you can incorporate active learning in your classroom.

Successful implementations of active learning include:

- Small or technology-focused classrooms
- Large lecture halls
- Online courses

Some common tools used in active learning include:

- Clicker questions
- Think-pair-share activities
- Concept mapping
- Minute papers
- Group problems



You Don't Have to Go It Alone

If you're interested in the benefits of active learning but aren't sure how to take the next step, you're not alone!

We go beyond quality tools and content with personalized, 1-to-1 support from our implementation team. Our goal is to help you build your ideal course, then help with any management, sharing, or pairing needs to ensure a positive student experience from Day 1.