HOW-TO FOR TEACHERS



MimioScience

Using MimioScience Interactive Lessons



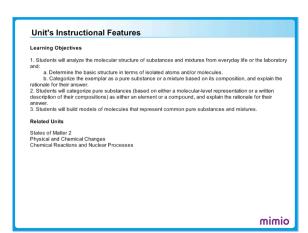
MimioScience Units Feature Key Instructional Information

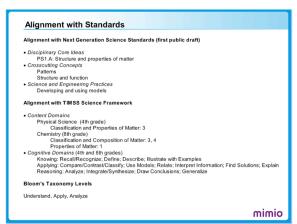


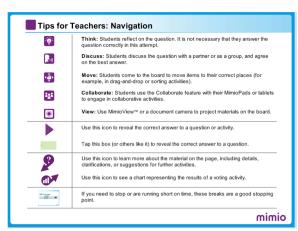
The design of the MimioScience™ interactive lessons ensures that you know exactly what to expect and how to facilitate the lessons in each unit.

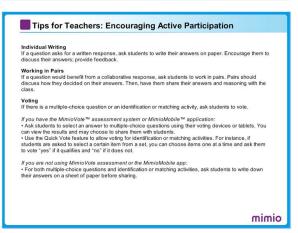


- Each unit aligns with these national and international science standards: the Next Generation Science Standards (NGSS) and the Trends in International Mathematics and Science Study (TIMSS) framework.
- Each unit includes learning objectives and a list of related MimioScience units. If other units are prerequisite, they are listed to let you know the necessary sequence, and to make sure your students have acquired the skills needed to benefit from the current unit.
- Special "Tips for Teachers" icons are offered in each unit to ease navigating through the pages and to help you manage student participation.
- There is always a "Tips for Teachers" page with ideas for encouraging active student participation.









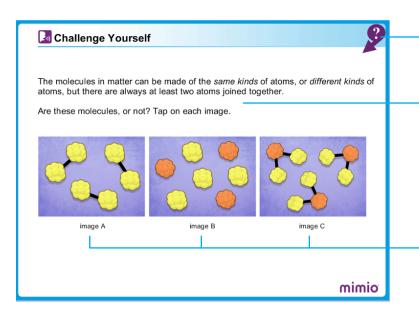






How will I know how to teach each lesson?

The MimioScience lessons are self-contained, providing all of the information you need to deliver them successfully, with minimal prep time. Each lesson comes with "Lesson Notes" that provide instructions, assessment tips, correction procedures, and, frequently, further elaboration on the topic. Each lesson page clearly states the student instructions. The careful design and systematic teaching approach prepare students for success as they progress through the steps of each lesson.



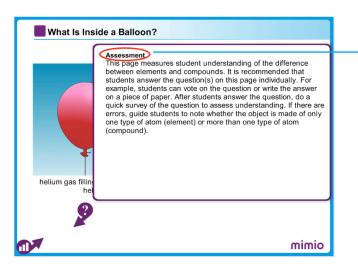
Lesson Notes pull out here, showing you how to correct possible student errors, and often providing useful background information.

This section provides all the information necessary for students to understand the contents of this page and perform the activity. Teachers may add any further explanation or discussion they feel their students need.

In this sample, the possible answers show correct and incorrect examples of molecules varying in their critical "must-have" and variable "can-have" features.

How will I know how my students are doing?

Assessment probes are embedded throughout each lesson to test students' mastery of each of the learning objectives. These frequent checks let you quickly determine whether your students are on the right track. Assessment notes are at hand, and include recommendations for additional practice.



Assessment probes are designed as part of the "Lesson Notes" pull-out. They also include recommendations on what to do if students make errors.

