


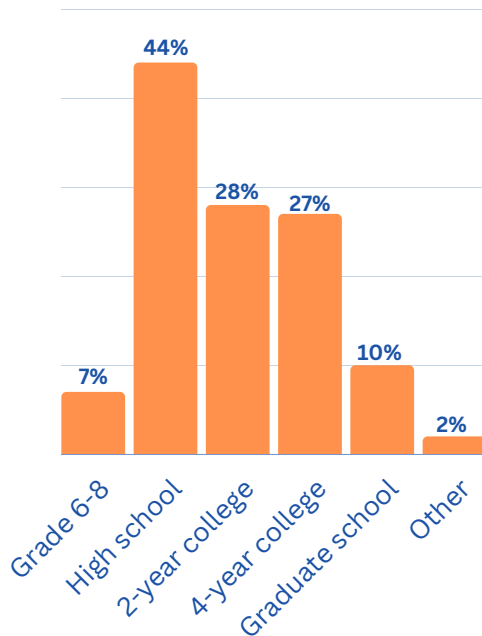
VISIBLE  BODY®
Listening to Life Sciences
Instructors in 2023



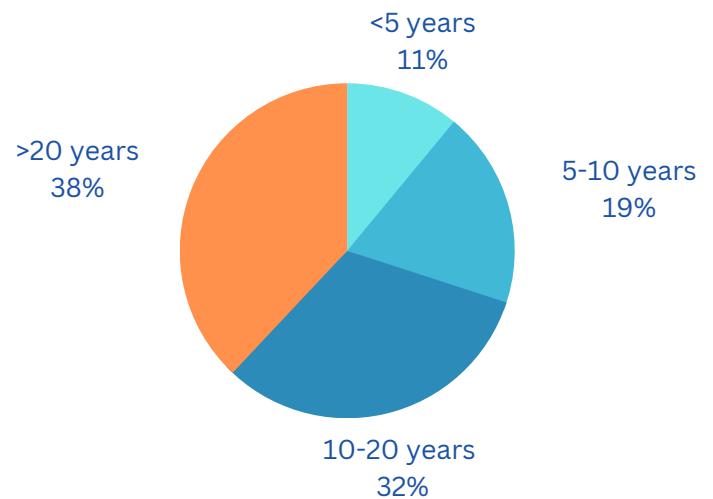
The survey and respondents

In early 2023, Visible Body surveyed life science instructors in the United States, Canada, the United Kingdom, and Australia. This research focuses on current teaching methods, materials, and challenges, and seeks to uncover emerging trends in future instruction. **600** educators responded.

Types of teaching institutions



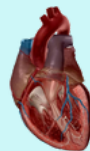
Years of teaching experience



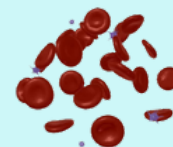
Of the 600 respondents...



272 teach general biology



349 teach anatomy and/or physiology



275 teach other courses (health sciences, kinesiology, microbiology, etc)



95% lecture/teach in a classroom



65% lead a lab



57% develop/oversee curriculum



94% teach in person



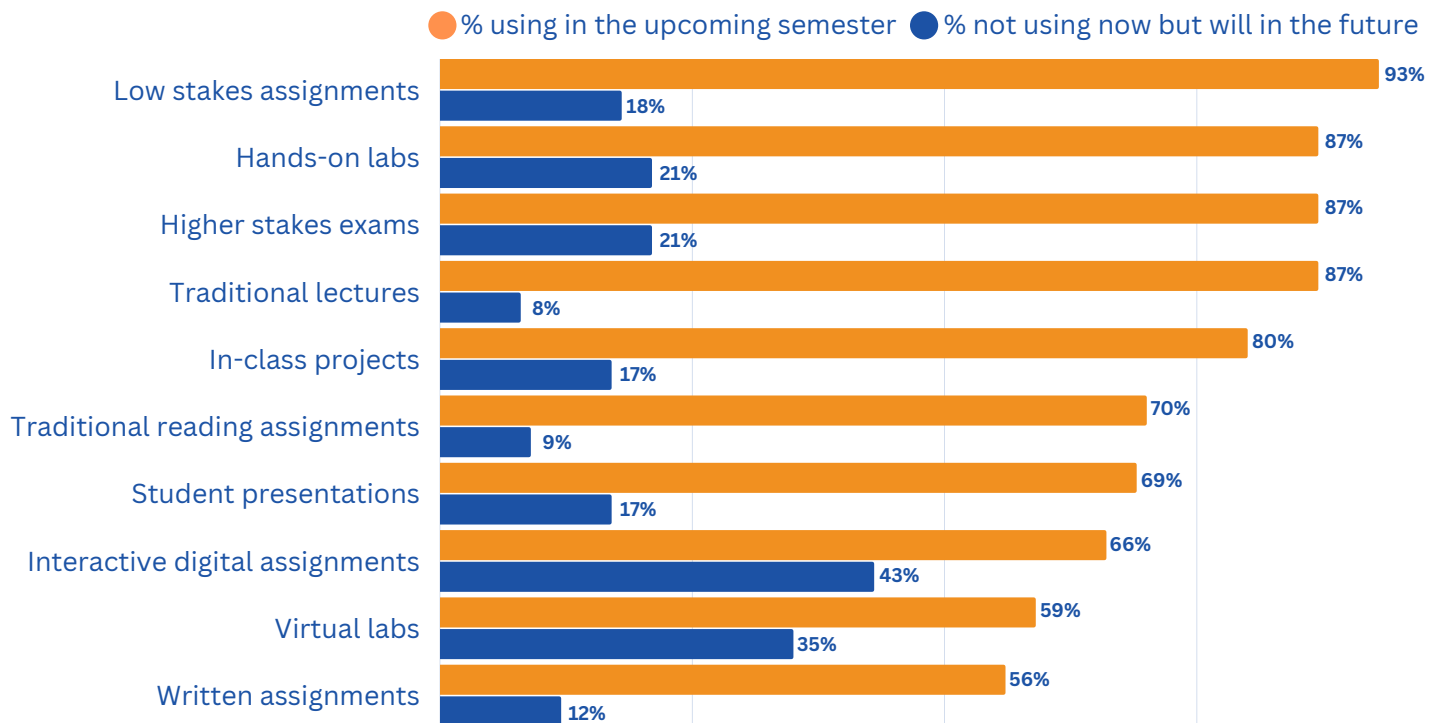
24% teach asynchronously online



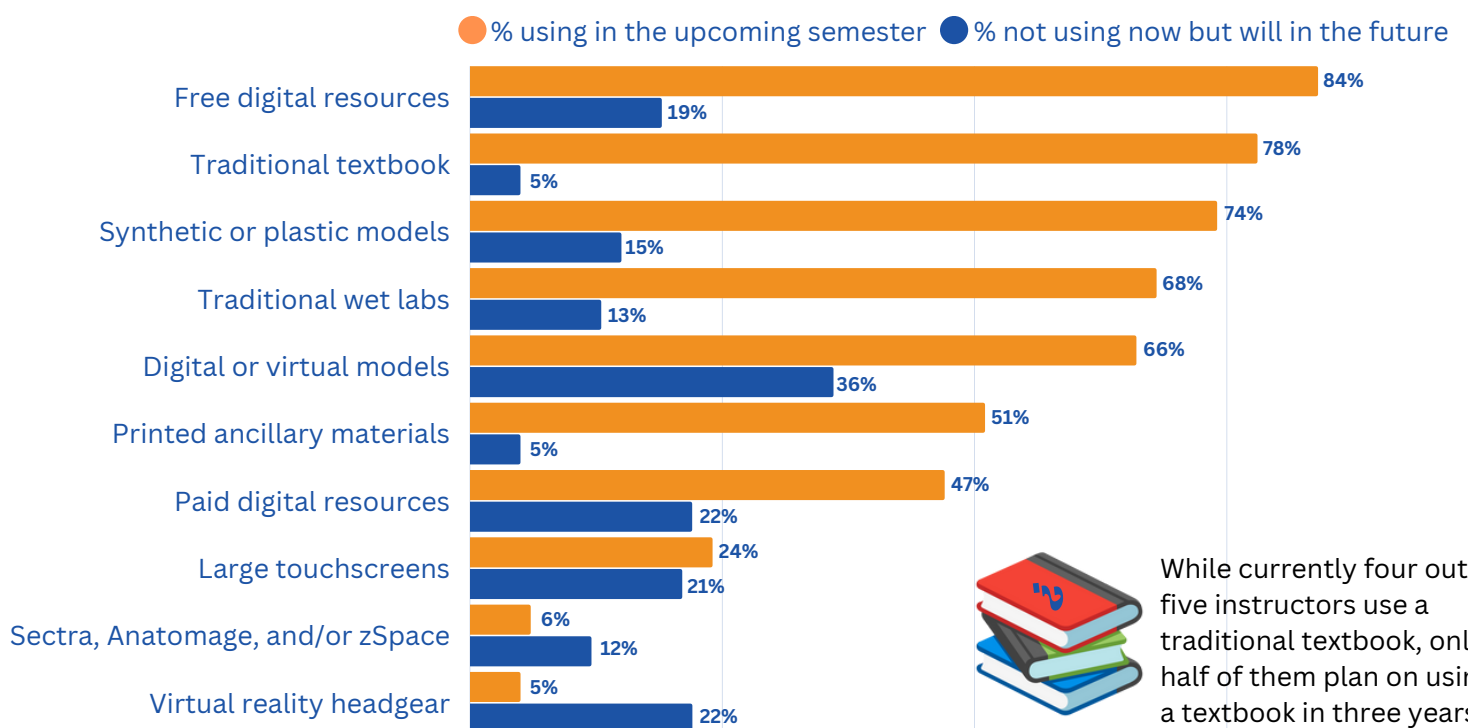
14% teach synchronously online

Traditional instruction methods such as quizzing and tests are almost universally used, but digital and virtual assignments are on the rise.

Which assignments will you use during the upcoming semester? Which do you expect to use three years from now?



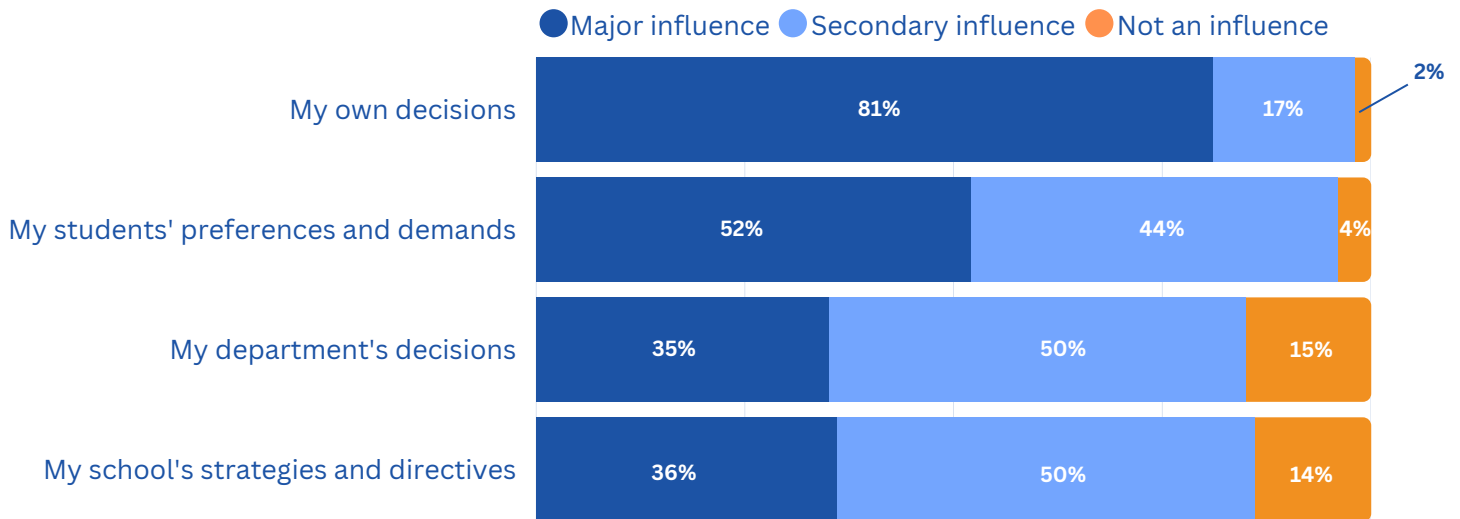
Which instruction methods will you use during the upcoming semester? Which do you expect to use three years from now?



While currently four out of five instructors use a traditional textbook, only half of them plan on using a textbook in three years.

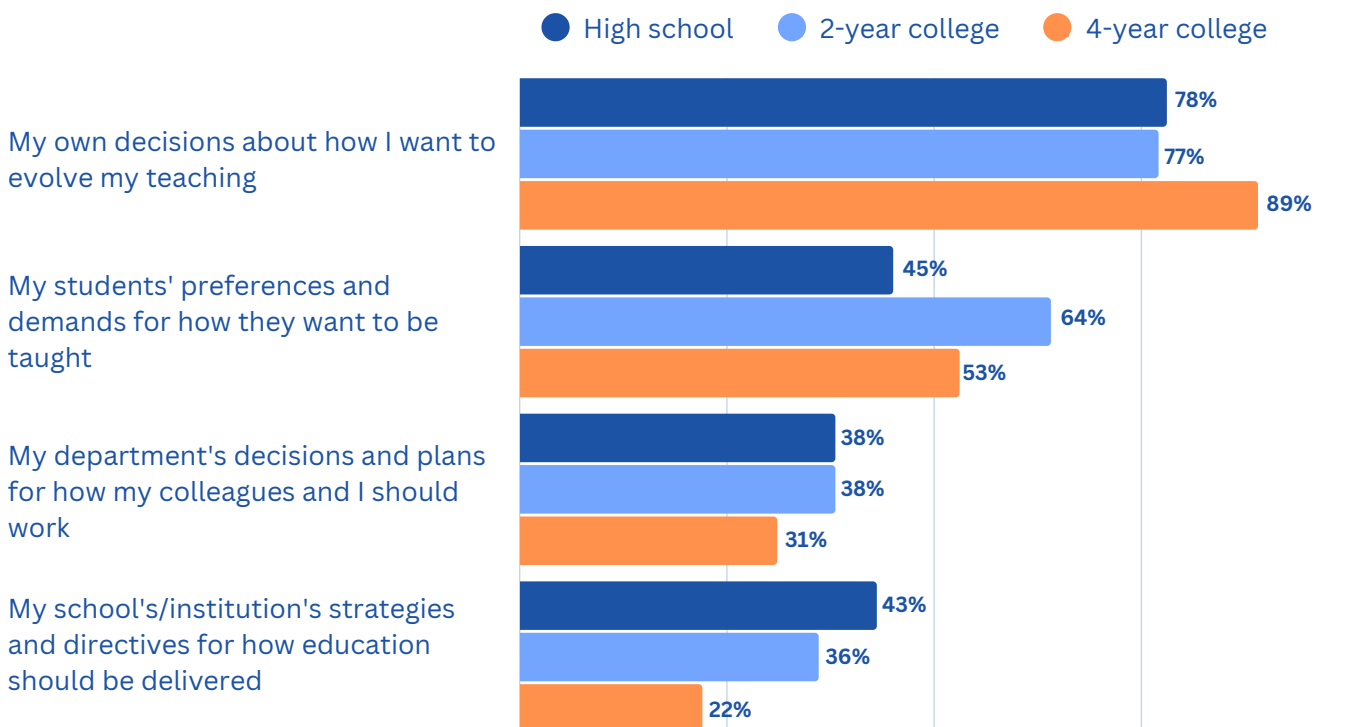
While instructors for the most part feel that they have agency over how their courses are taught, they tend to feel pressure from the outside.

Which of the following do you see influencing changes in your teaching in the future?



Four-year college instructors are mostly reliant on their own decisions and are least reliant on outside pressures.

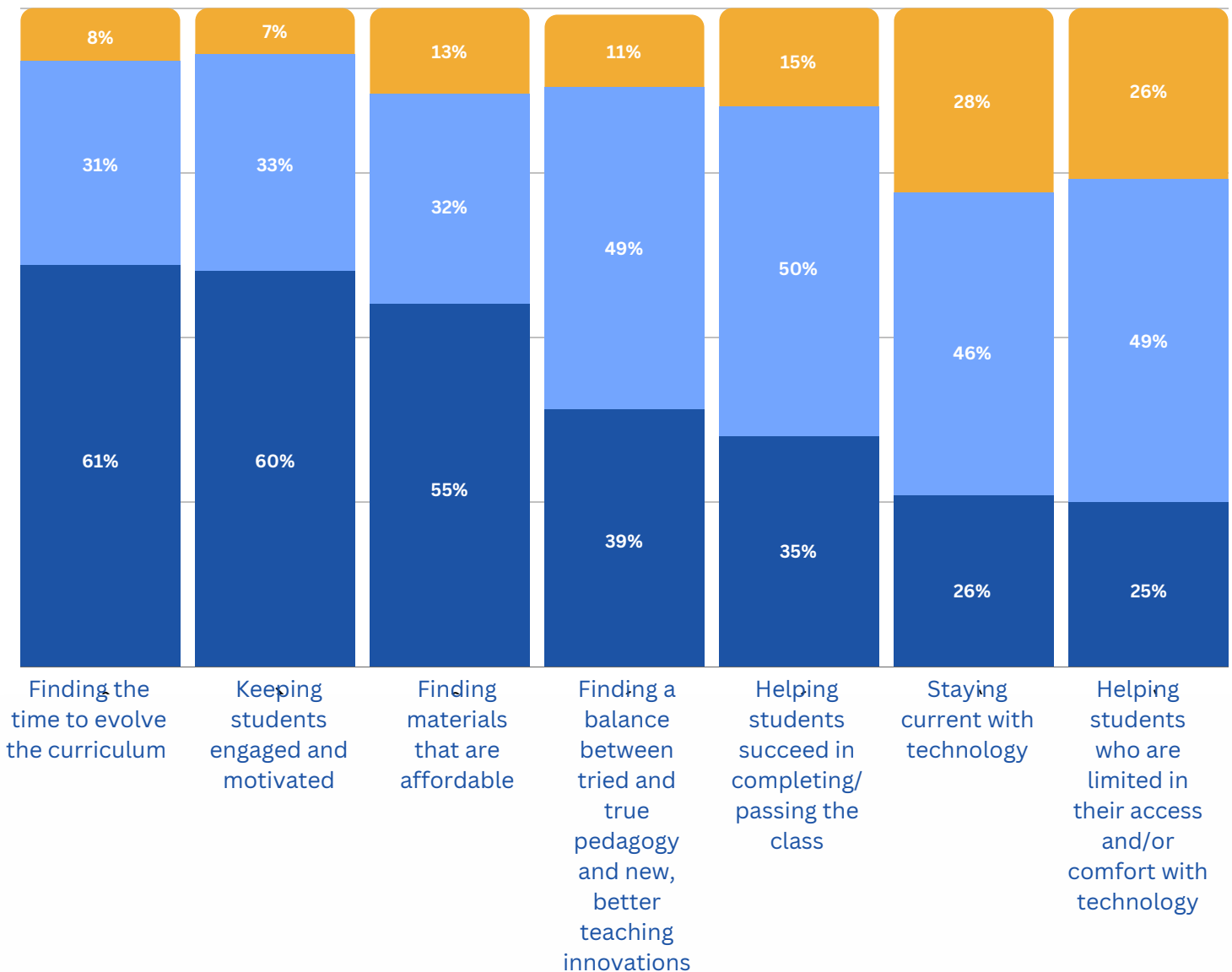
Major influences by instructor type



The majority of instructors regard the following three items as a major challenge in teaching: “finding time to evolve the curriculum,” “keeping students engaged and motivated,” and “finding materials that are affordable to my students and/or institution.”

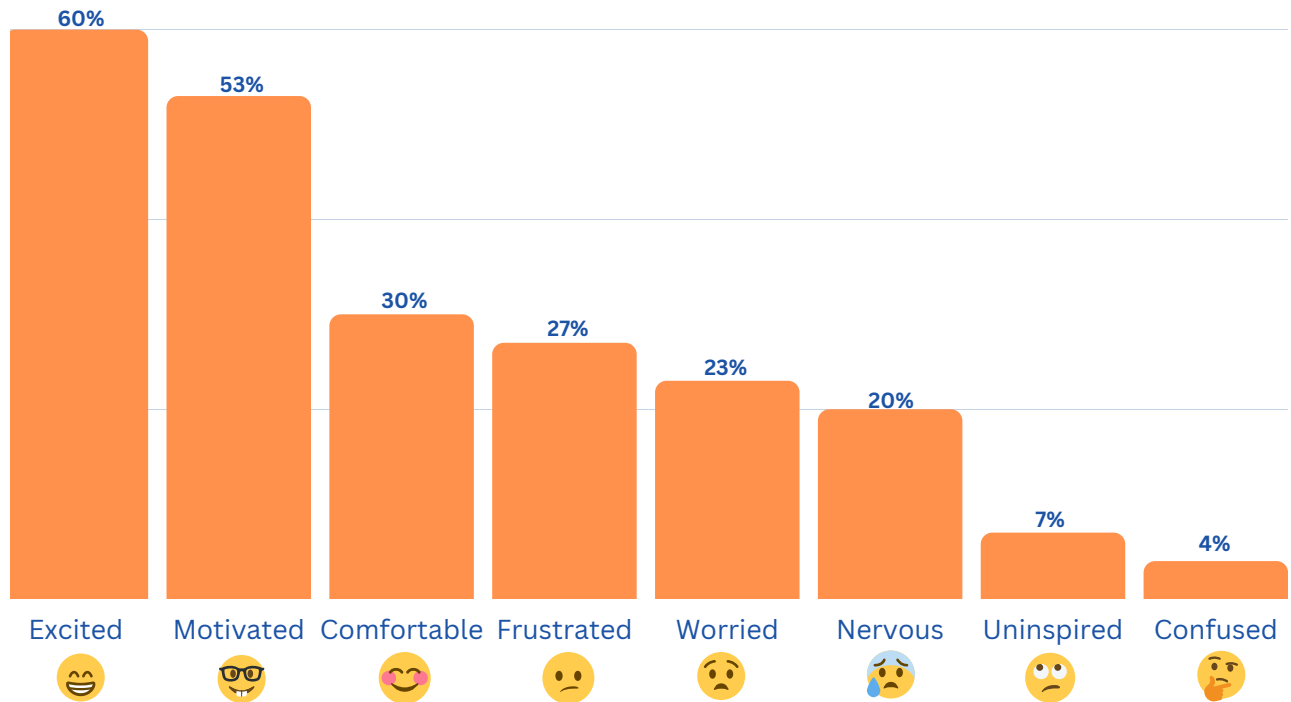
What are the biggest challenges you face as a teacher?

● A major challenge ● Somewhat of a concern ● Not a problem

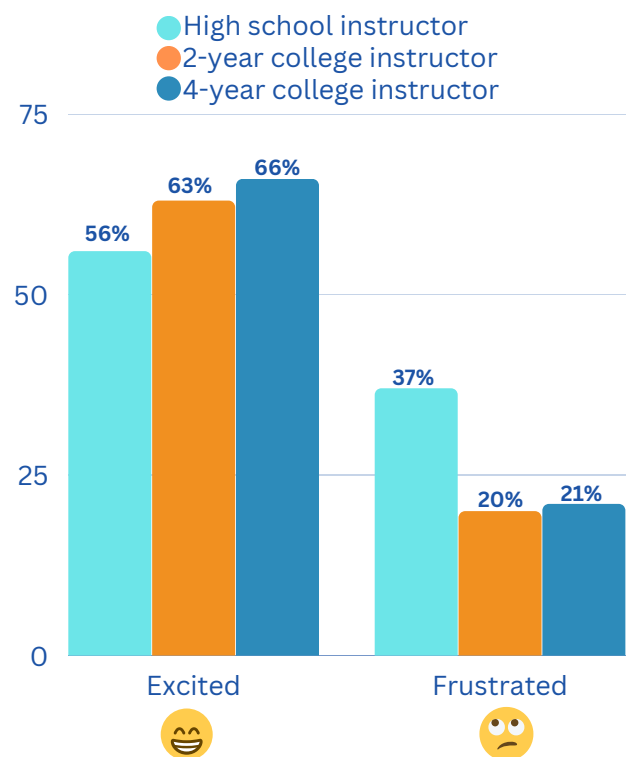


Despite the challenges of teaching life sciences, instructors mostly feel excited and motivated.

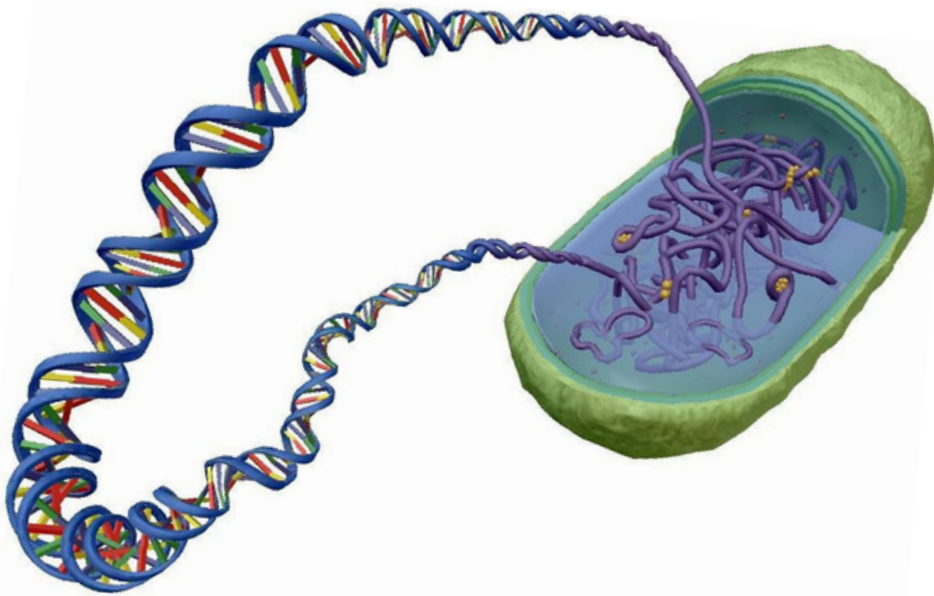
Which of the following adjectives describe your feelings as you think about teaching in the future?



Excited and frustrated by instructor type



High school, two-year, and four-year college instructors had notable disparities when it came to feeling **excited** and feeling **frustrated**.



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