

Sporophyte or Gametophyte cards – Bio1020/180 students

While I use the Socratic platform each lecture, I have also found that supplying students with an opportunity to answer questions with a physical 'card' is a great learning tool. The Bio1020 content involves teaching students about the life cycles of plants, for which there are two main phases: the sporophyte and the gametophyte. It is vital that students can apply these two terms to a variety of plant lineages.

After teaching the concepts over several lectures, I hand each student a laminated piece of paper (folded in half) with a giant, pink S on one side and a giant, blue G on the other. I then show students a variety of ppt pictures and they hold up the piece of paper with the S facing me if the picture is of a sporophyte, the G facing me if the picture is of a gametophyte, and flip it back and forth if the picture shows both a sporophyte and a gametophyte.

