



## Teaching Science Classically: 10 Essential Principles with John D. Mays

### Lesson 8: Authenticity

#### Outline:

##### Authenticity

- This is an attitude that the teacher brings to the subject matter in the classroom (humility).
- We should acknowledge and relish that we are limited when we gaze at nature. The holy moment of spiritual formation doesn't occur when we posture ourselves with a universal attitude of confidence.
- The simple task of modelling an electron evades us. We really have no idea how an electron behaves. This is part of the mystery of nature.
- We want to give voice to our own inadequacies with our students.
- The mysteriousness of nature always seems to triumph over our ability to model it.
- Science cannot explain the difference between a live bird and a dead bird.
- God made the world so that modelling with mathematics is possible. Science cannot explain what quantum mechanics means.
- We can create an environment of mystery and exploration.
- We need to think more broadly about our lives on this planet. The mystery of science never ends.
- Think about Jesus' relationship with his disciples. Instead, he nurtured them and walked in their world. He had an ordinary human body. In the end he called his disciples friends.
  - This moves the teaching from the mechanical to the wondrous.