

## Bio26.1

Goals: Identify and discuss misconceptions on evolution. Determine how we formulate a scientific theory.

Plan:

Video and notes

<https://www.youtube.com/watch?v=IPjiFG43ZZg> Sci Show

Misconceptions: “Just a Theory,” Darwin invented it, “Missing Link,” “Survival of the Fittest,” It is always beneficial

Students will brainstorm each of these misconceptions before and after the video. Teacher will guide discussion and clear up any points of confusion.

Point to good references for each of them

Video: Piltdown Man and how bad science can take a long time to die.

<https://www.youtube.com/watch?v=pwW40Dj5Sro>

HW: Paragraph response on Piltdown Man

- What actually was “Piltdown Man”
- Why do you think fake data or fake evidence can be convincing at first?
- Does Piltdown man disprove evolution? How do you think scientists can prevent another “Piltdown Man” from spreading misinformation?

## Bio26.2

Goals: Review evolution and evolutionary theory

Plan:

Jeopardy review of evolution/natural selection and drift

HW: Study for quiz

## Bio26.3

Quiz: natural selection, evolution and drift