

To connect (with concepts addressed in other grades)



To deepen (concepts and ideas implicitly addressed in the comic)



To address (alternative students ideas)

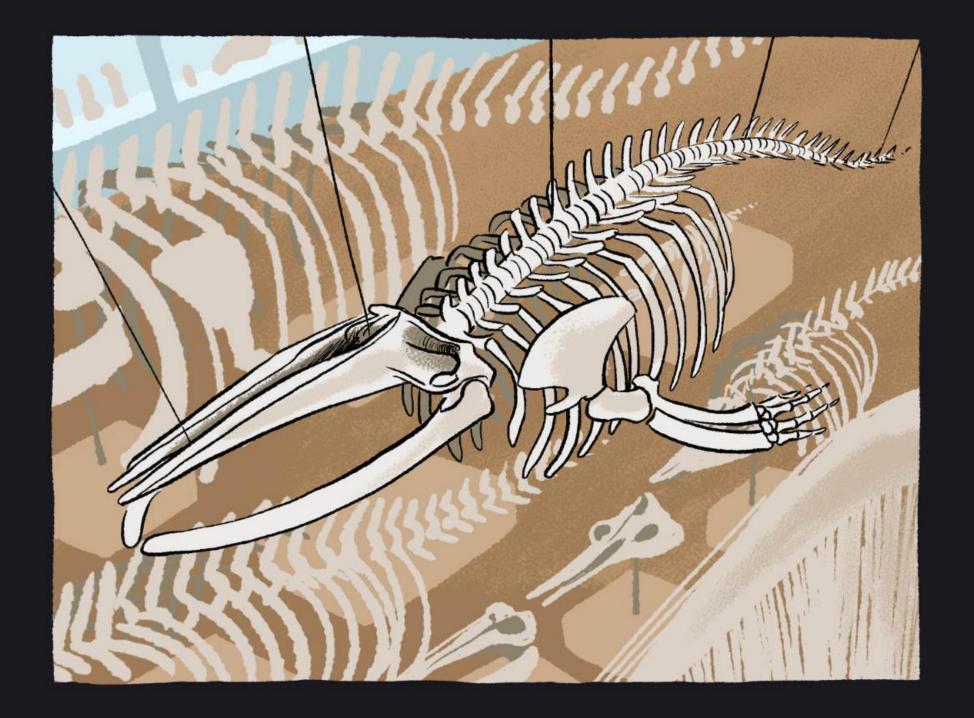


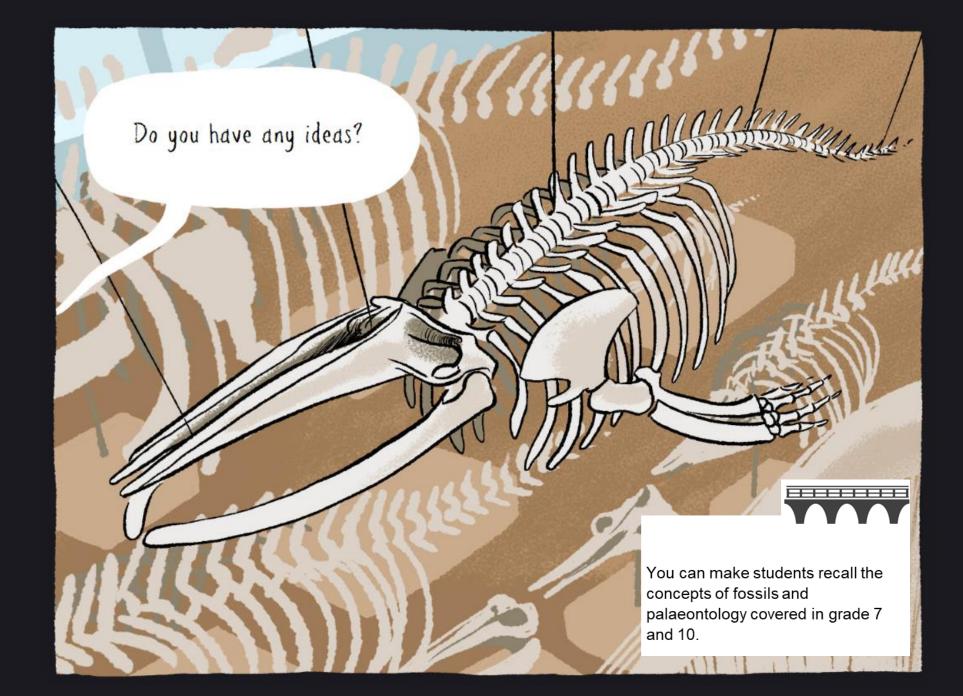
To enrich (through creative tasks)

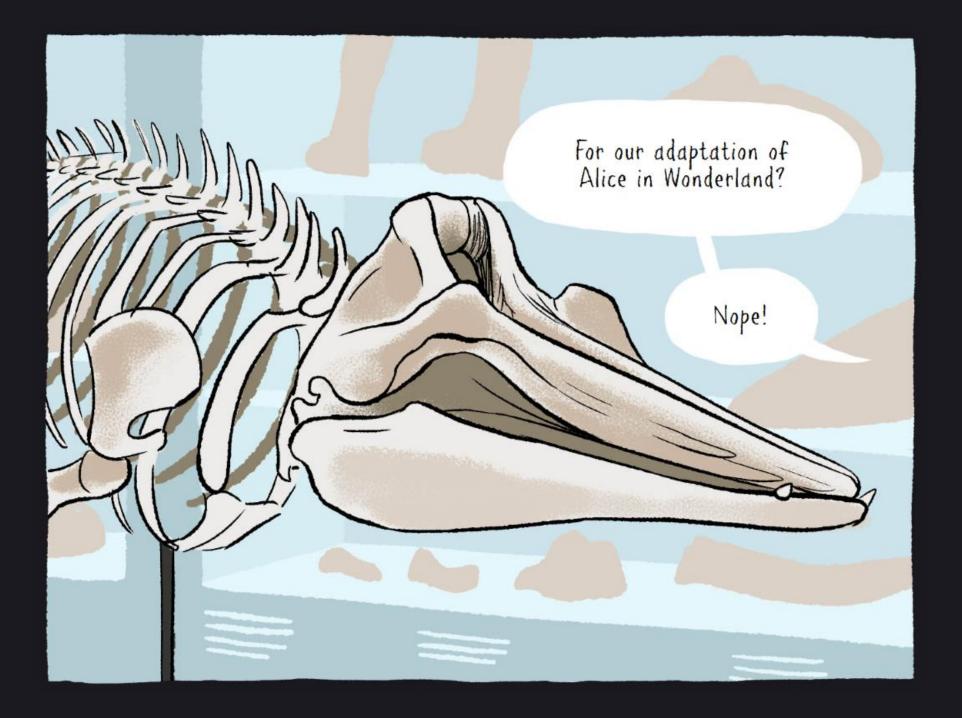


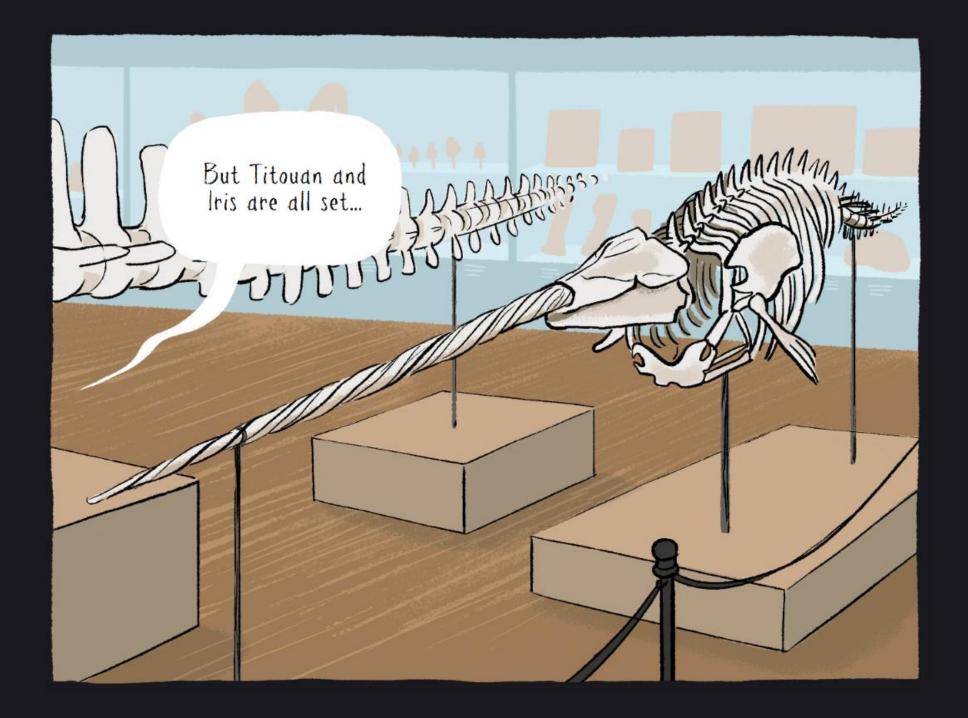
Start reading

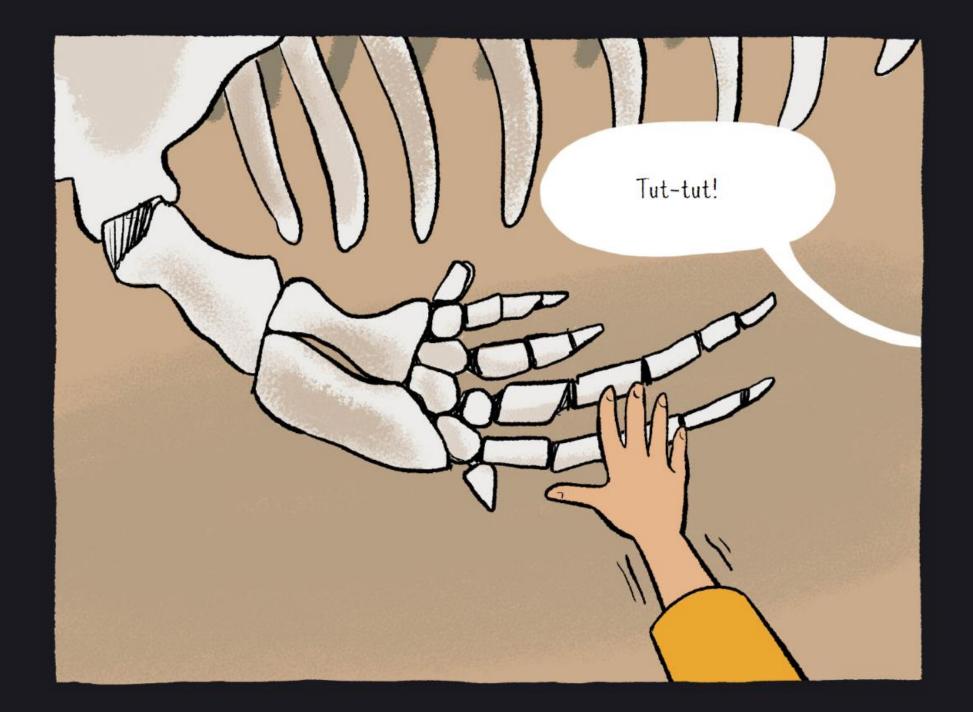




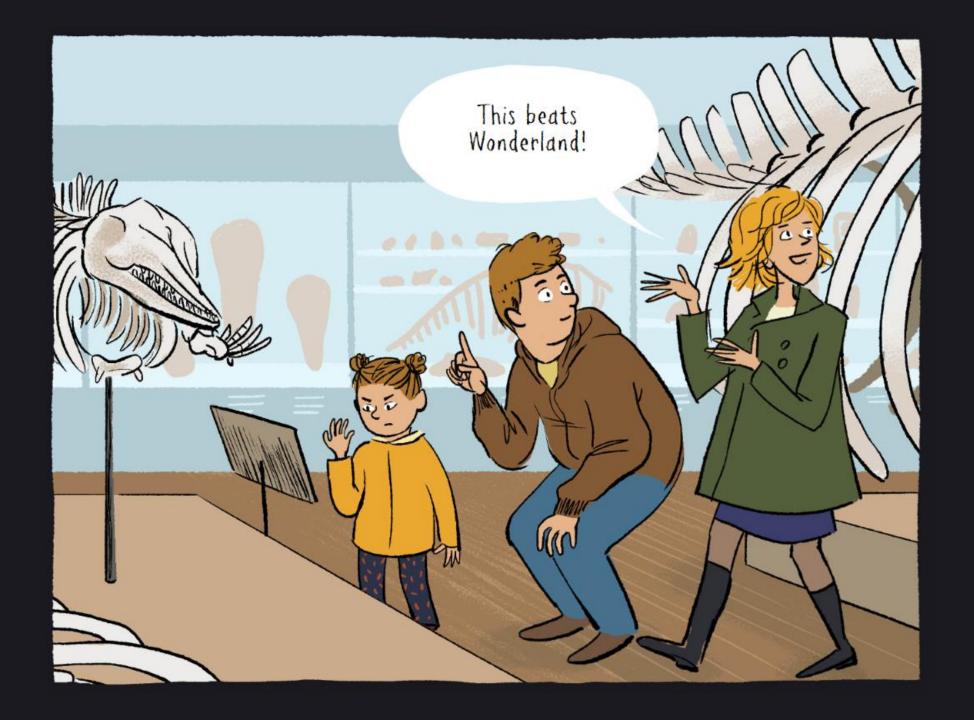










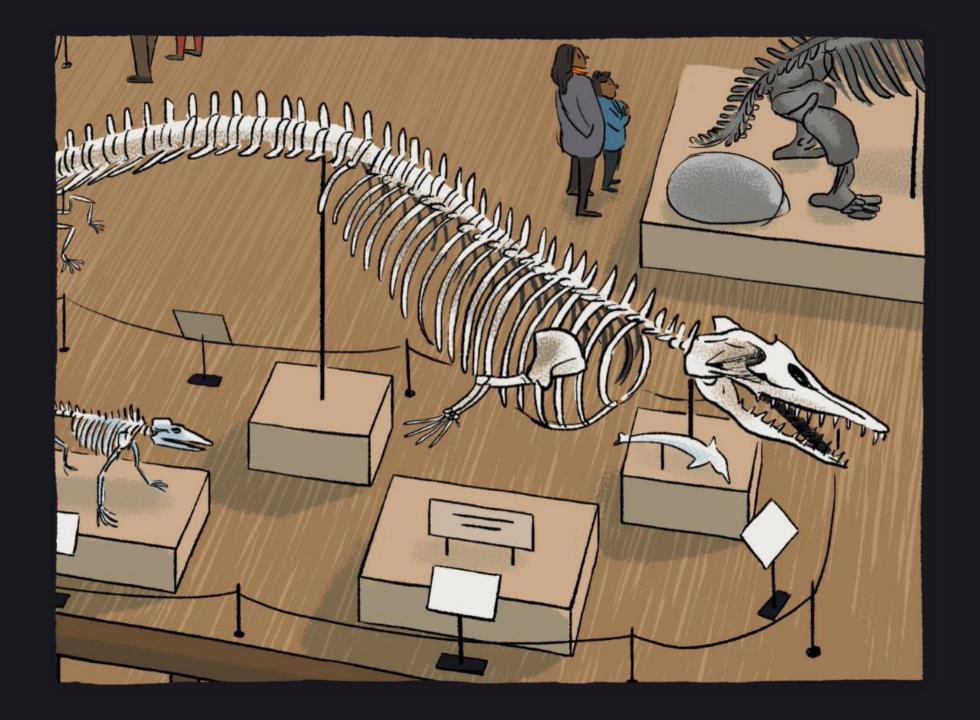


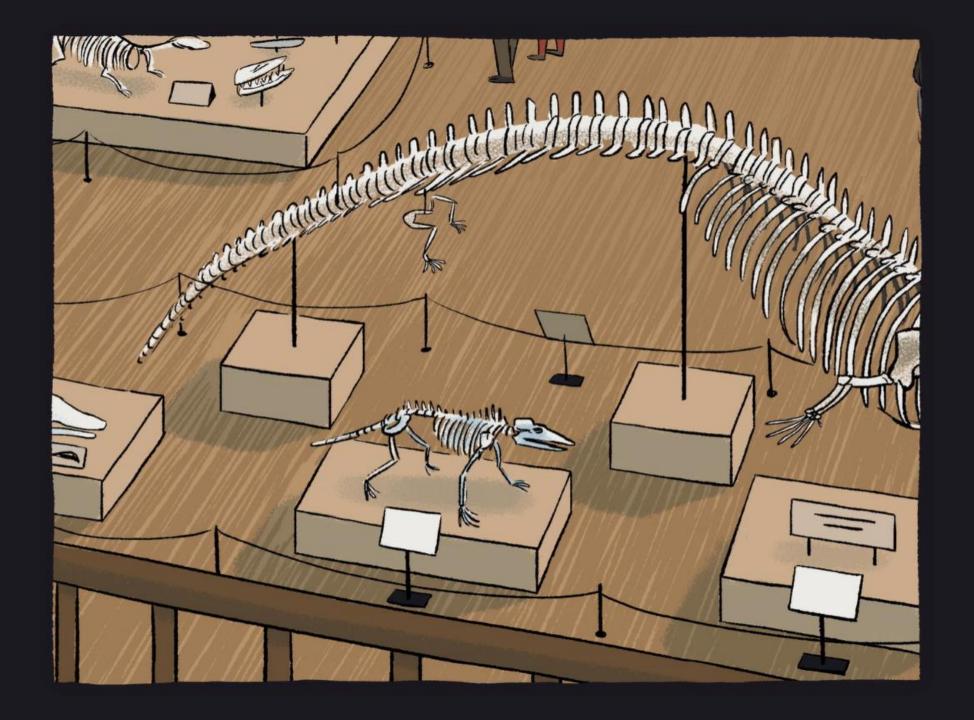




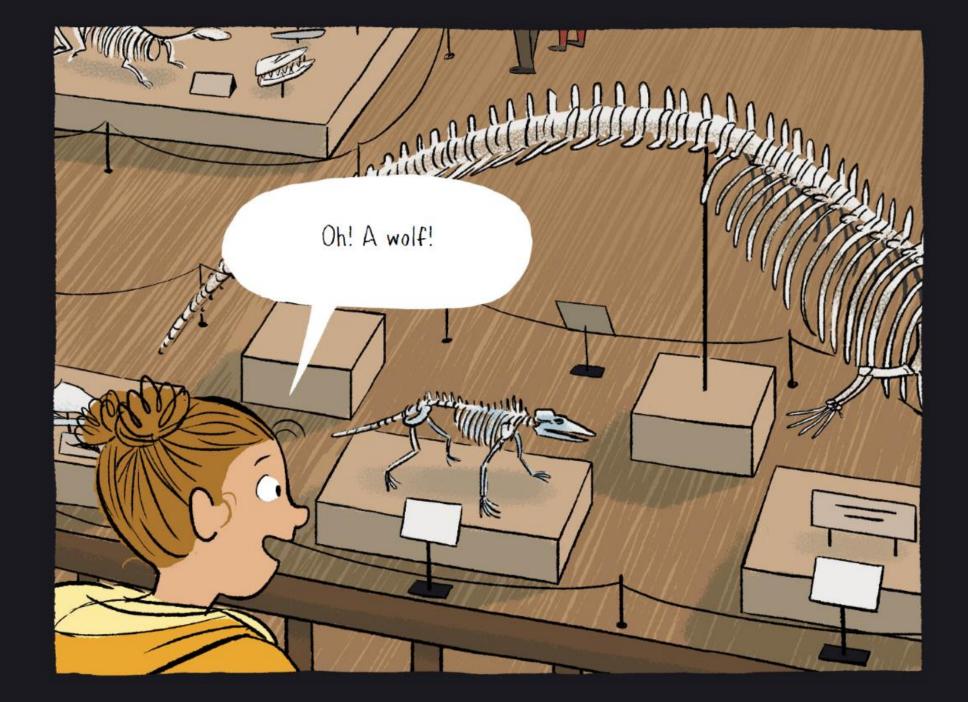








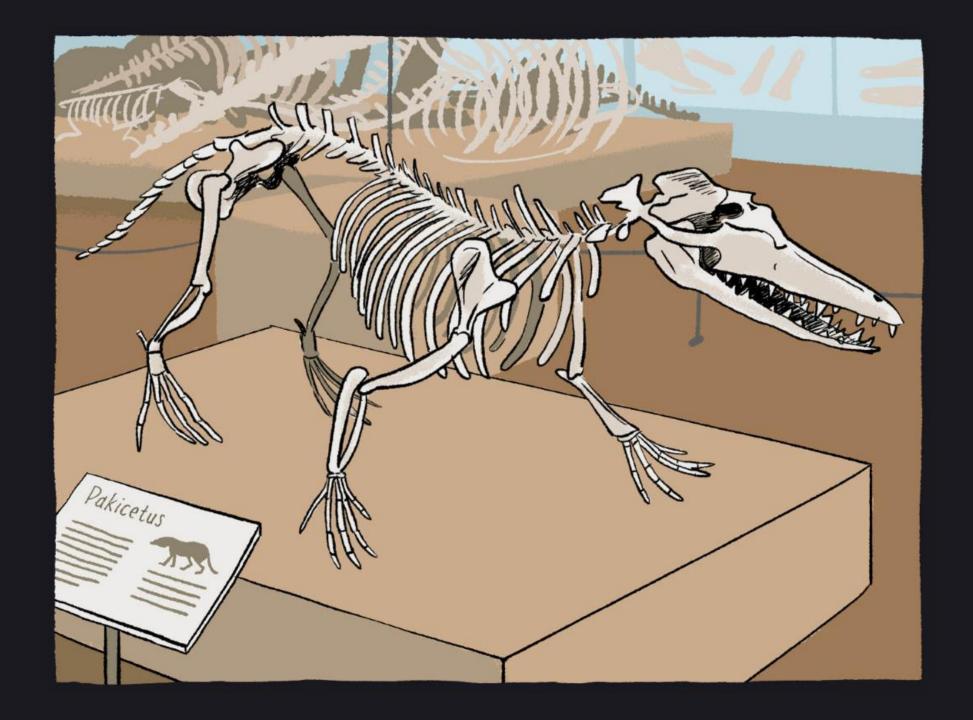


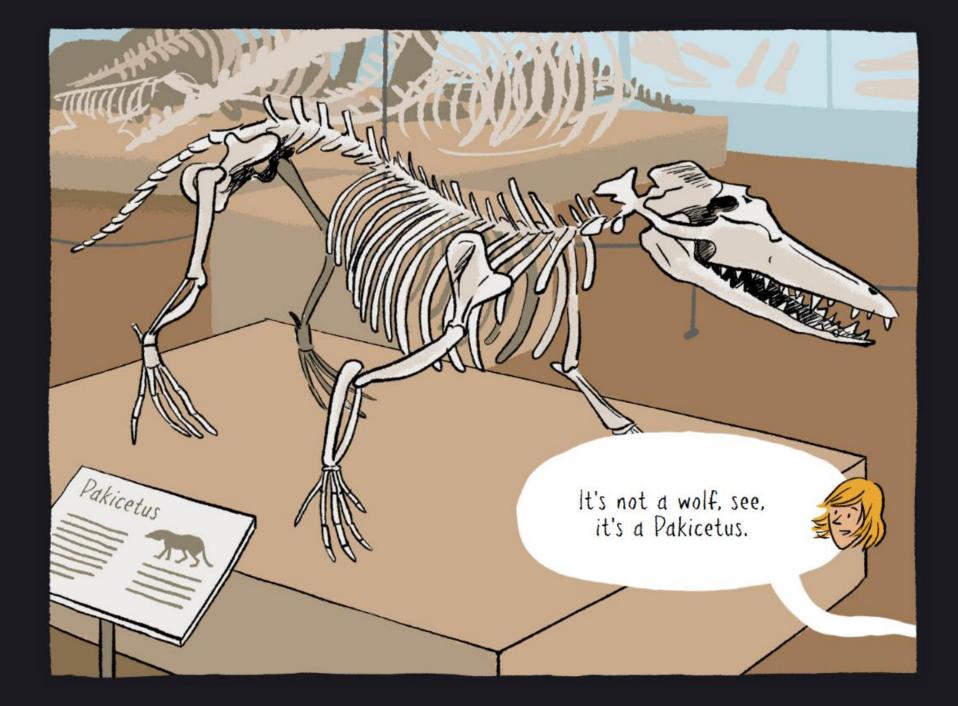








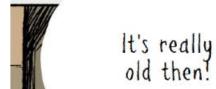


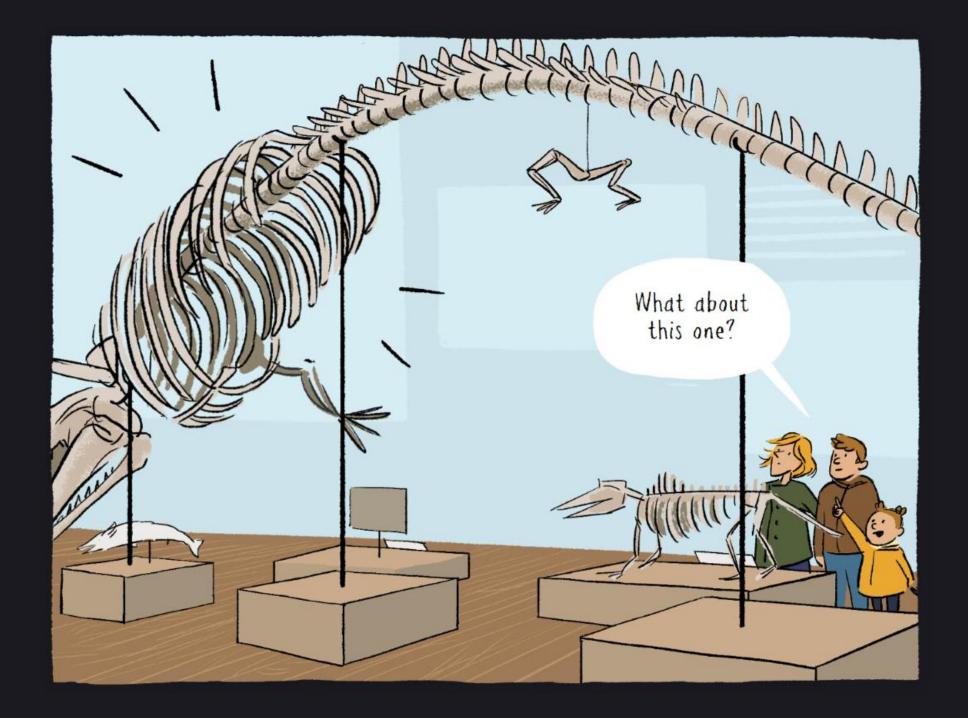




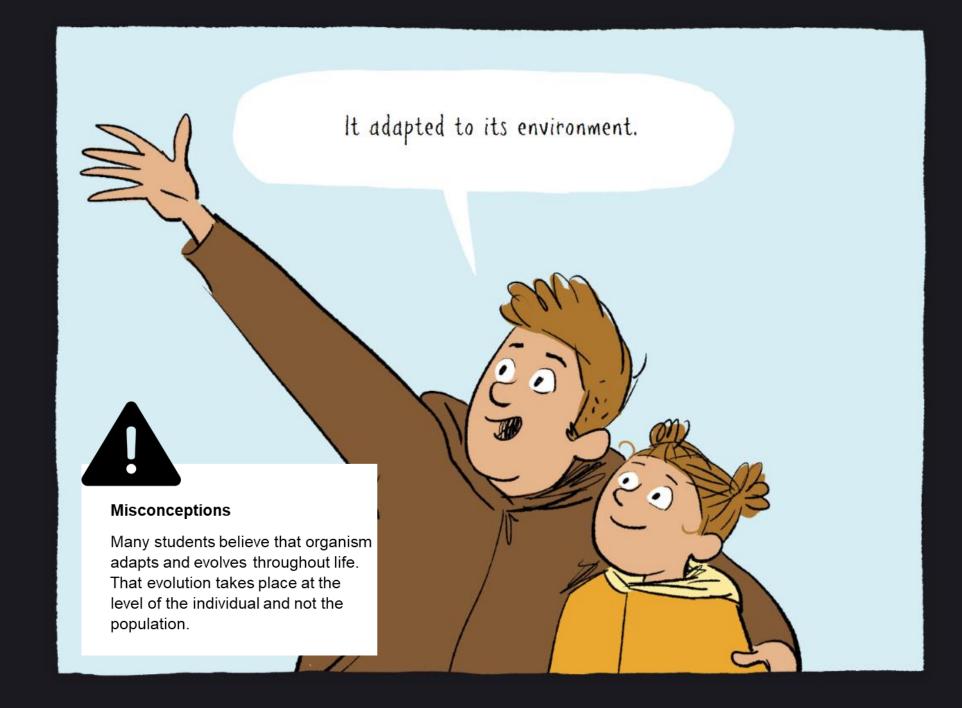
Based on the <u>video</u> about the discovery of the Pakicetus fossil, you can ask students to imagine how this fossil could have arrived at the Museum. Students can create a new comic about this discovery.

Suggestion: the comic can be made digitally using software such as StoryBoardThat, Canva, and StripCreator, among others. See some <u>guidelines</u> on creating webcomics.







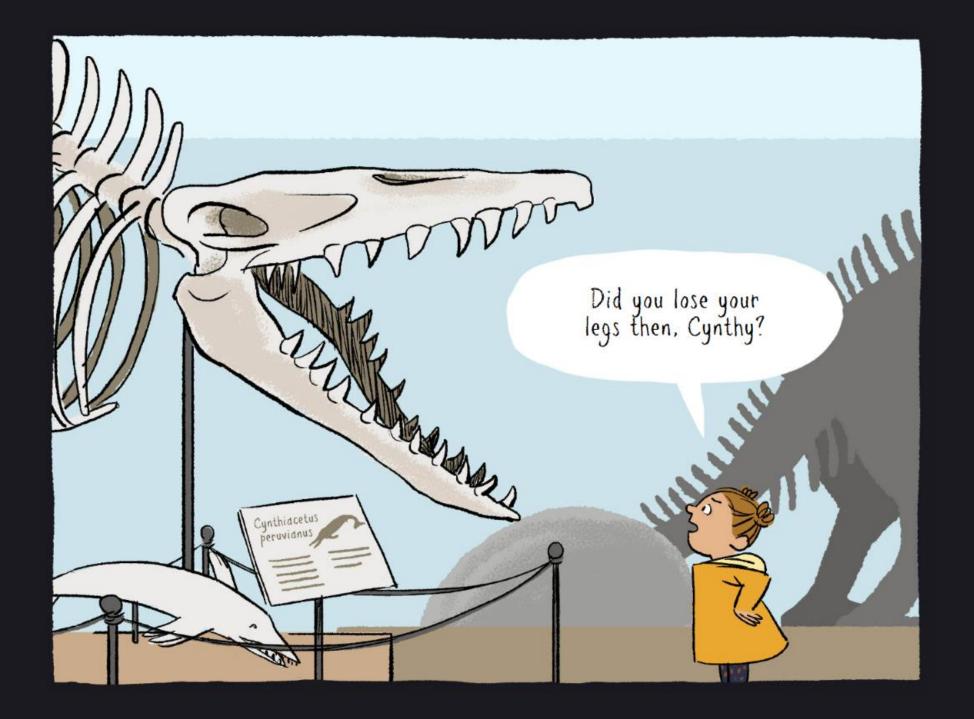














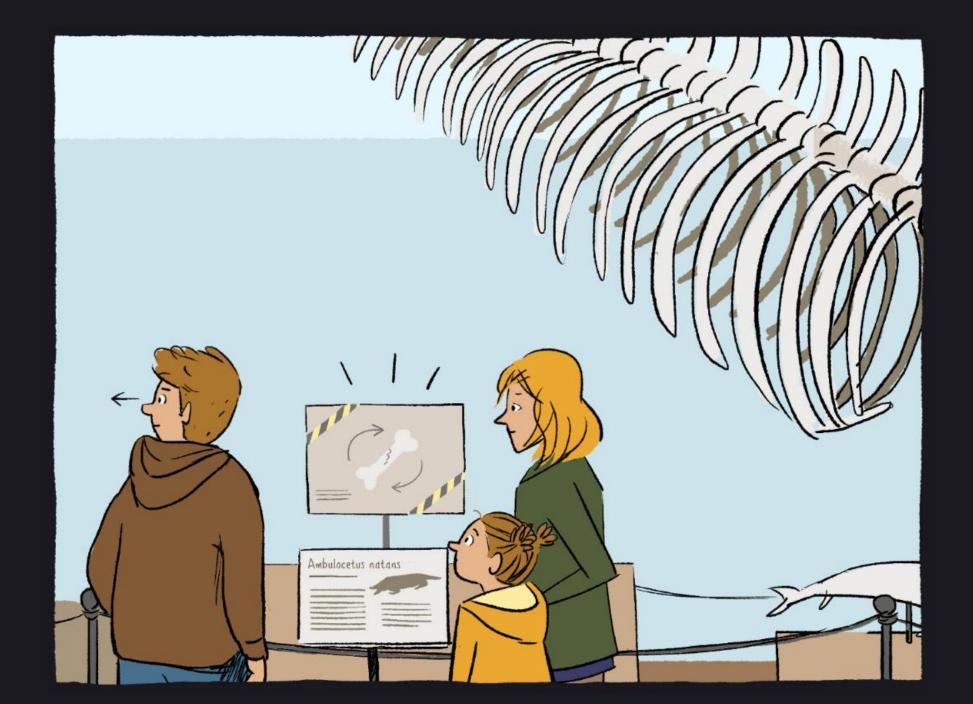
As they evolved, cetaceans disappeared or changed.

This one must have lived on both land and water.



























## Chapter 2





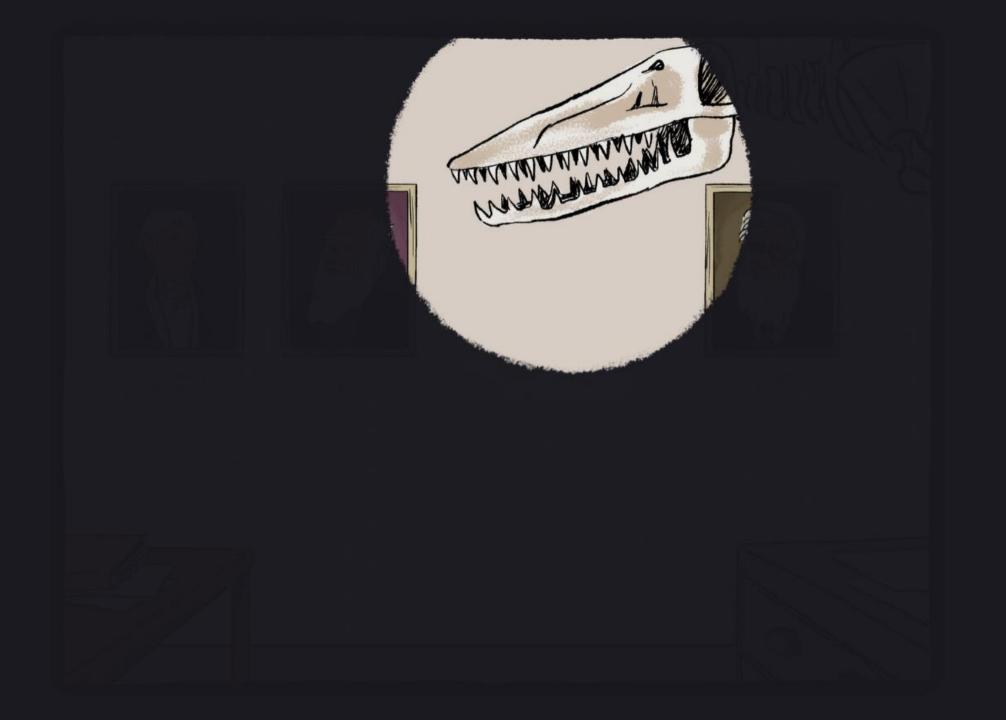






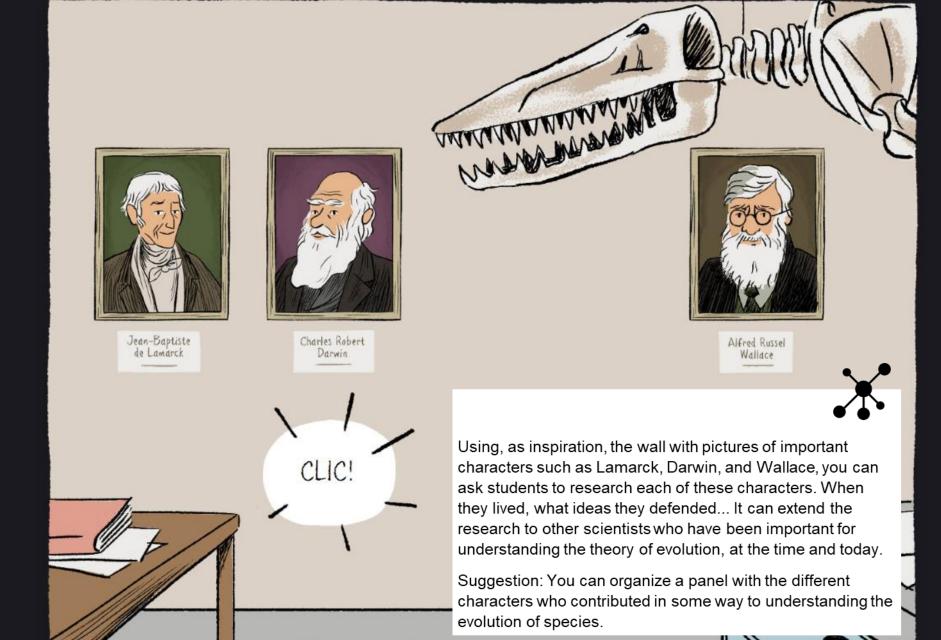




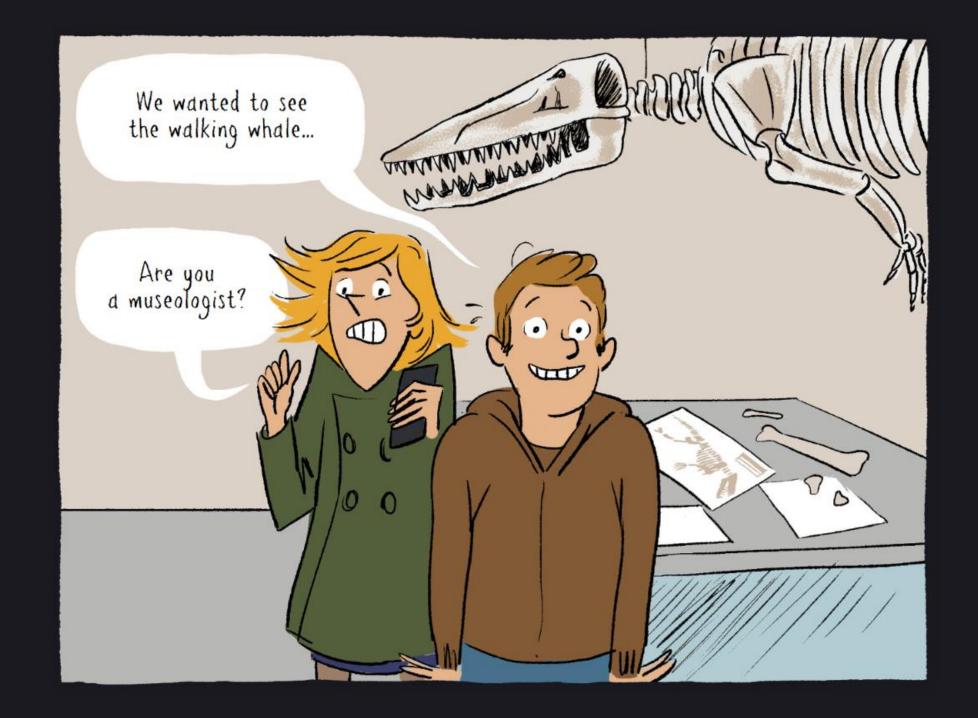
















paleontologists.







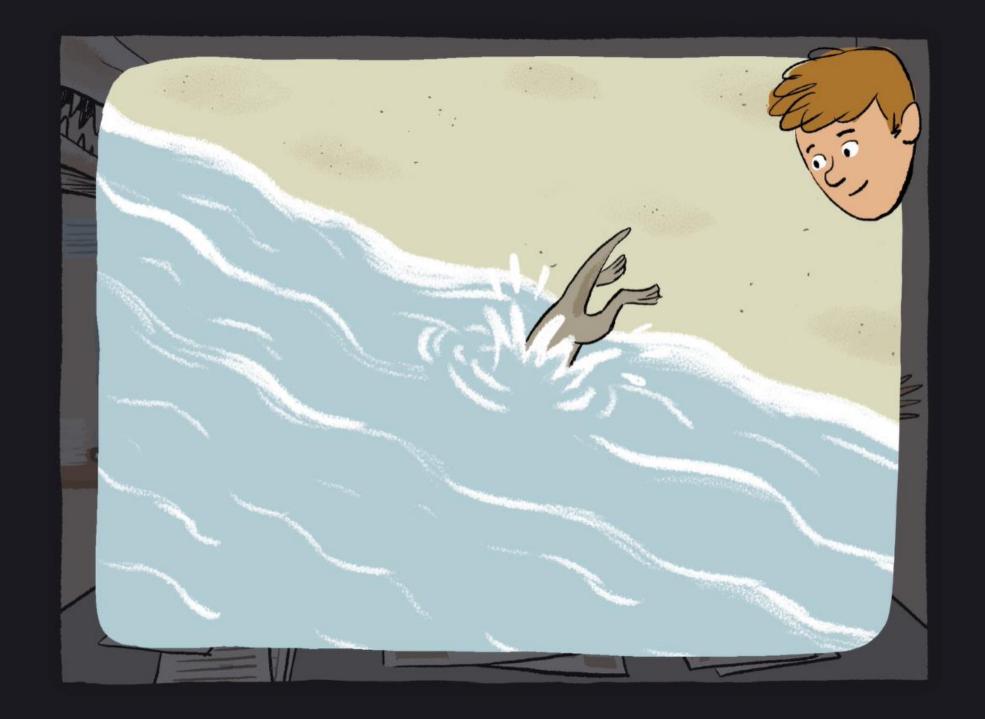


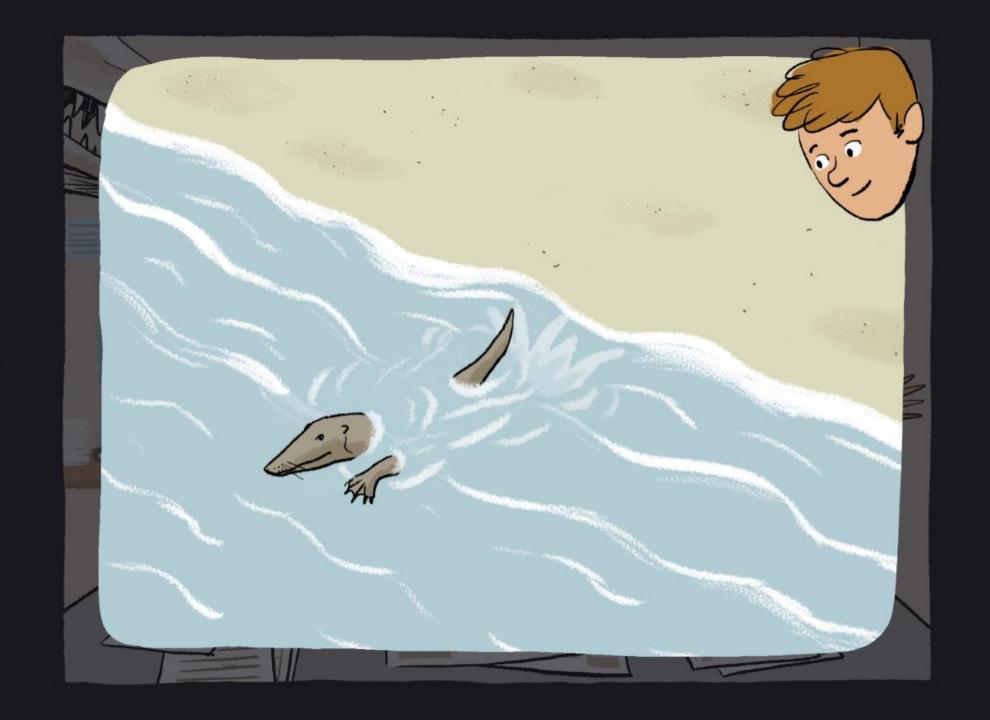














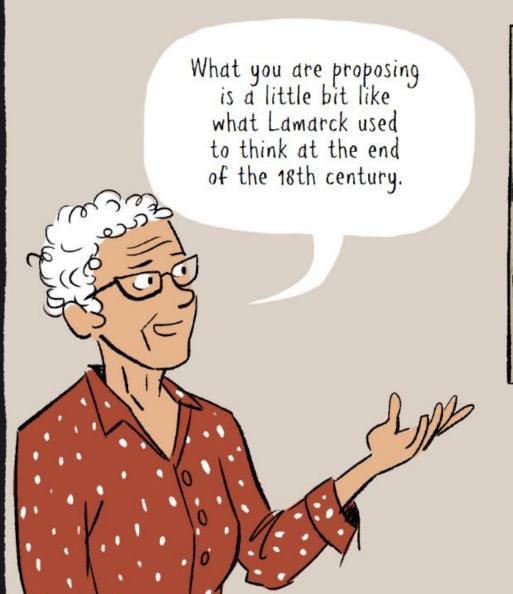














Jean-Baptiste de Lamarck

Well done, young man! Organisms respond to the pressures of their environment with individual adaptations which are then passed on to their descendants

55/94



Jean-Baptiste de Lamarck



Unfortunately, my esteemed colleague failed to account for variation within a population!



Charles Robert Darwin





Within a population, some organisms are better adapted to their environment than others.



Charles Robert Darwin

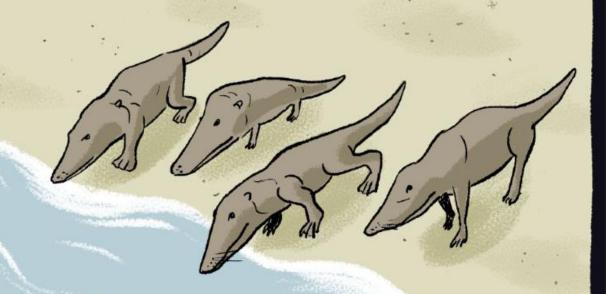


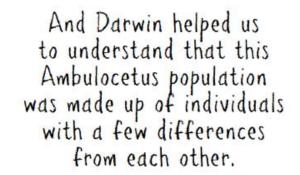
These organisms have a higher probability of survival and more descendants than those who are less well adapted to their environment.



Charles Robert Darwin

Of course there were lots of Ambulocetus at the time, not just one!

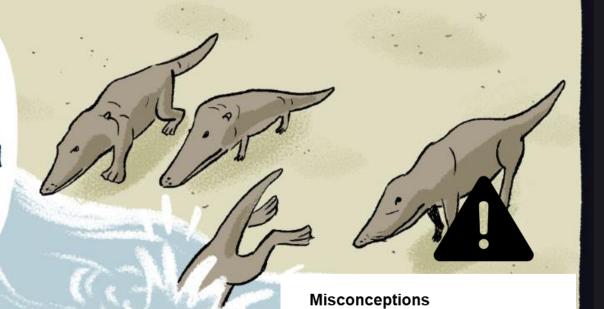








One of them was better adapted at swimming than the others and this characteristic was passed down to his descendants.



60/94



Correct!



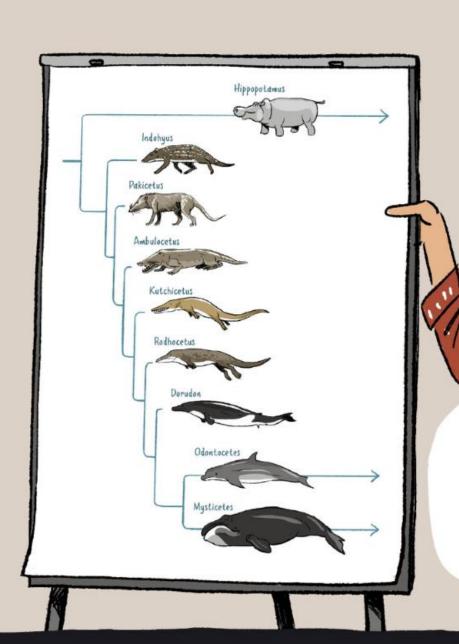
Many students believe that takes place at the level of the individual

and not the population.

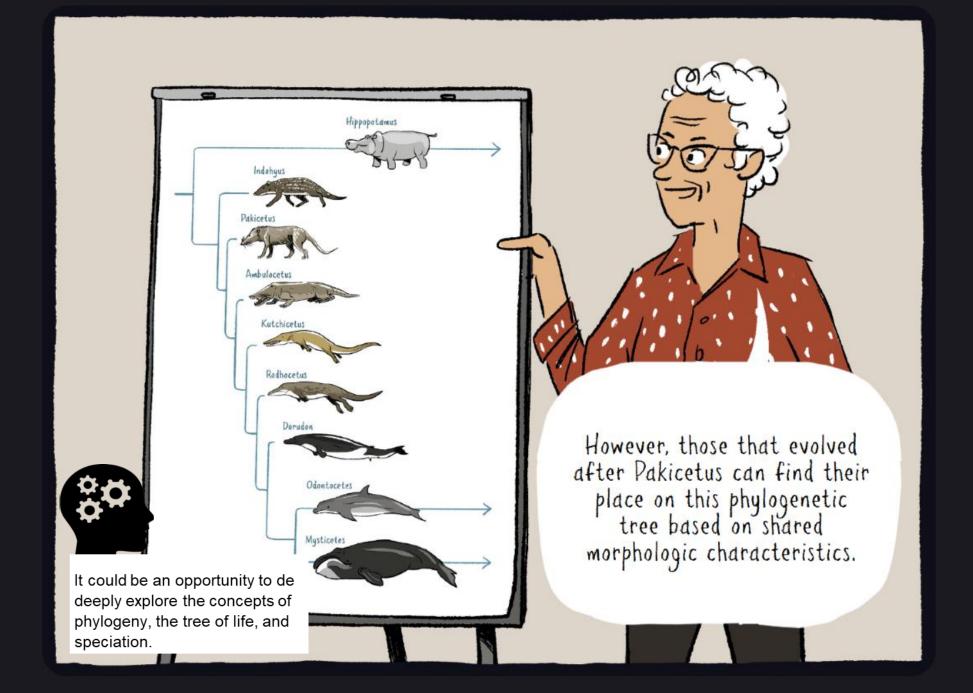
reasons why Darwin was so afraid to publish his theory.

61/94

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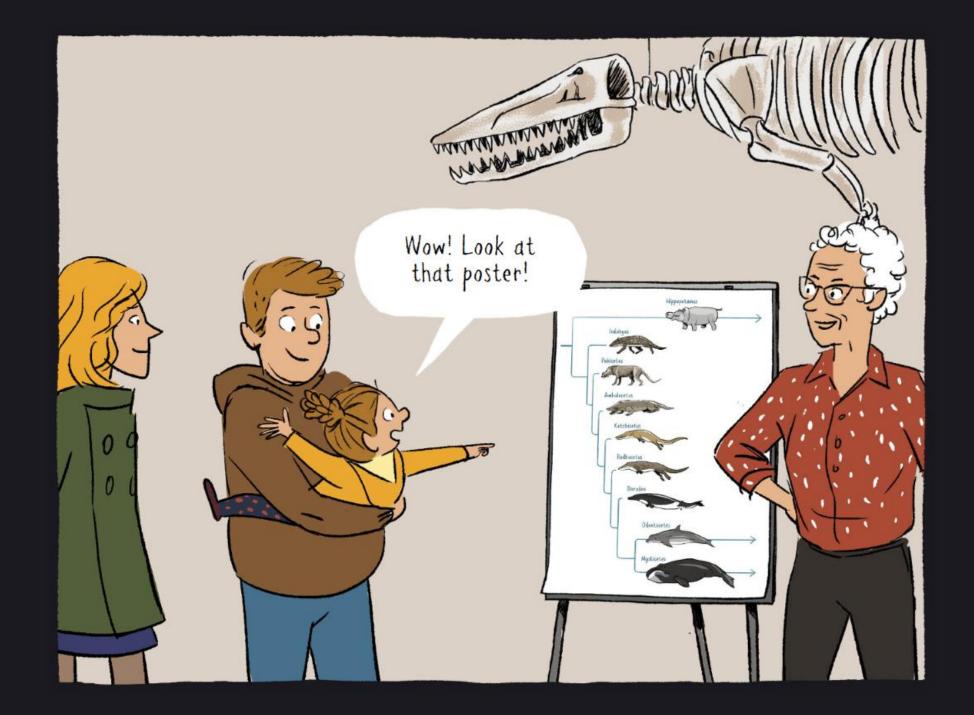
We do not know all the ancestral species of today's whales.

















## Chapter 3

Start reading



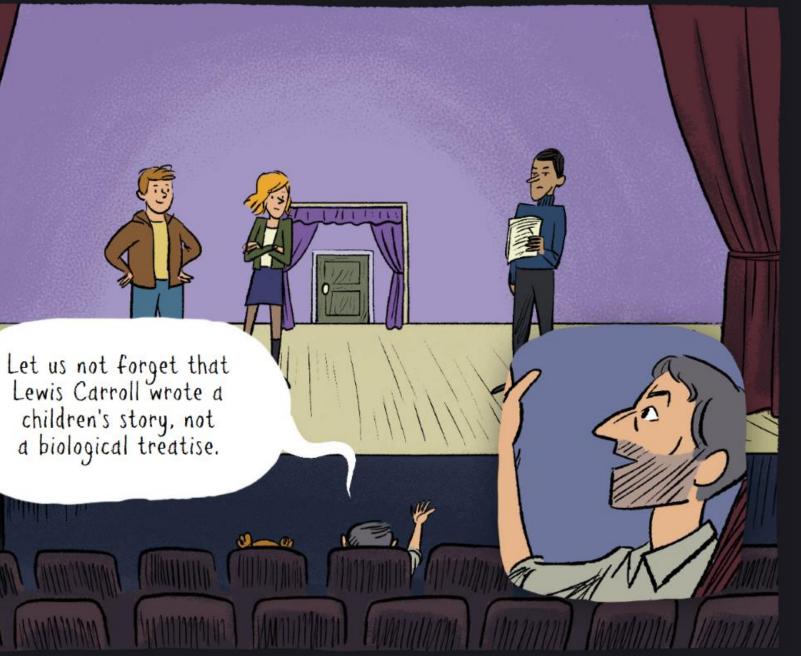




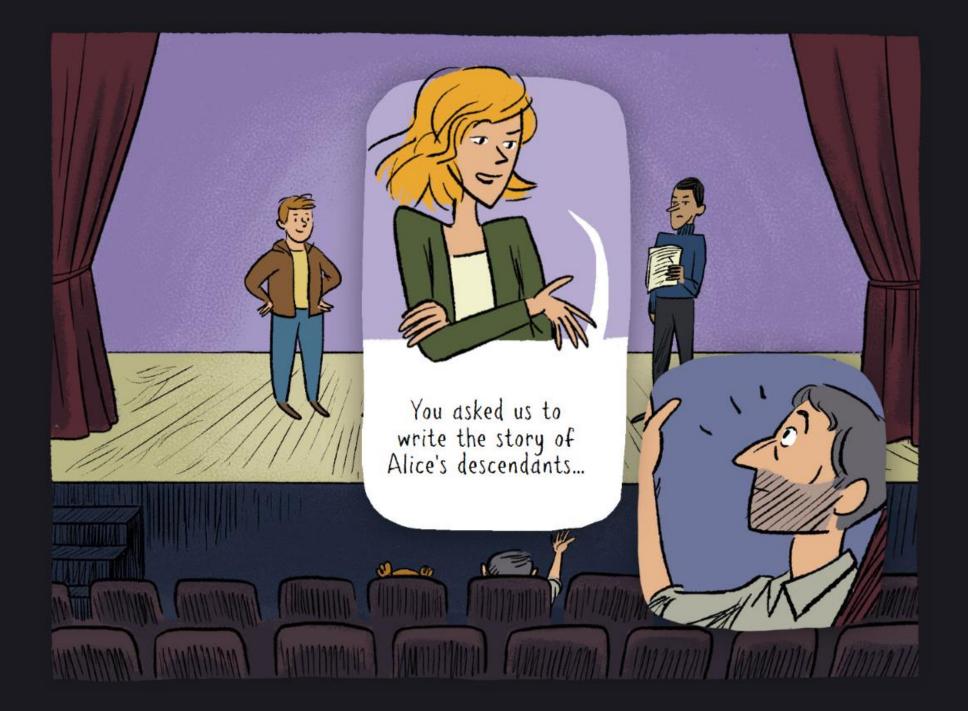


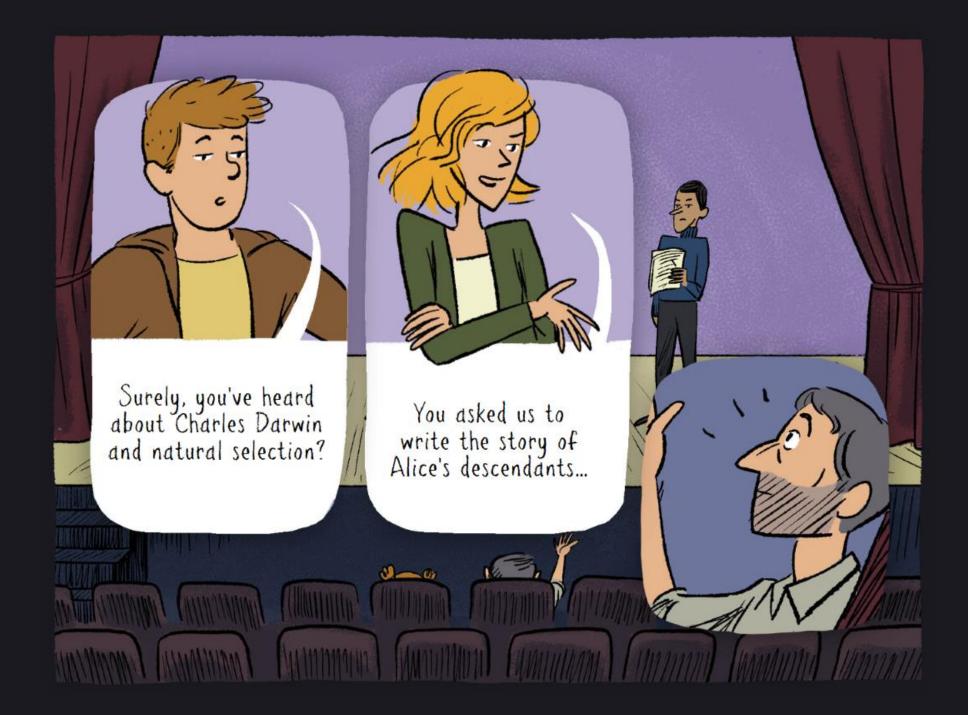




































If Alice's descendants, with their many different characteristics, lived in a house with a tiny little door that was too small for them...

Some of them would possess characteristics better suited to the tiny little door ... and they would transmit these characteristics to their descendants.









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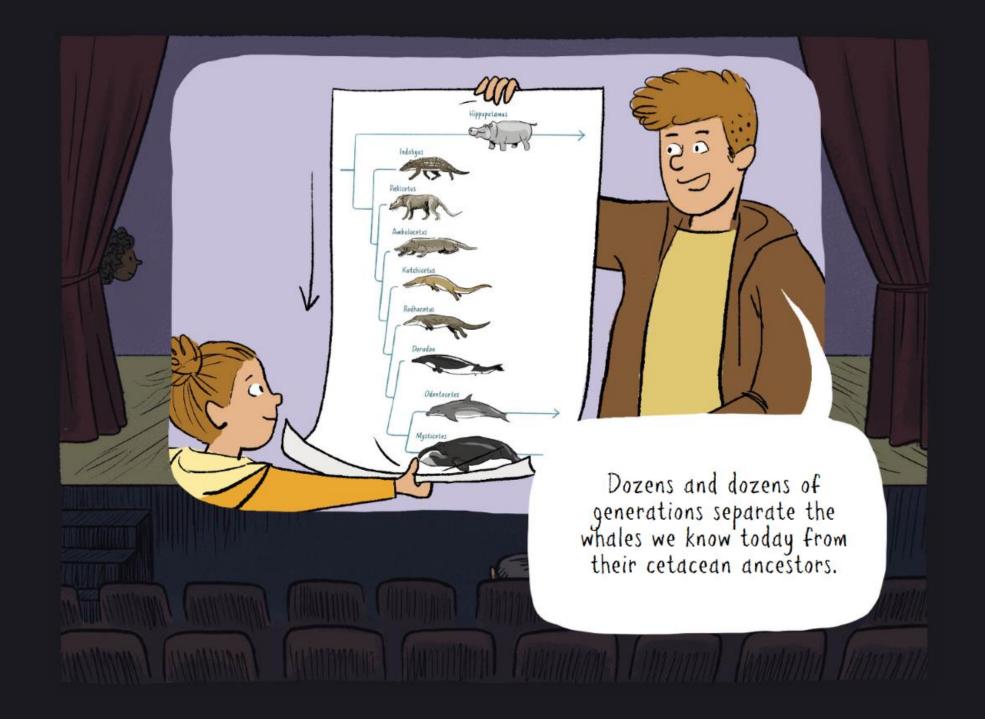








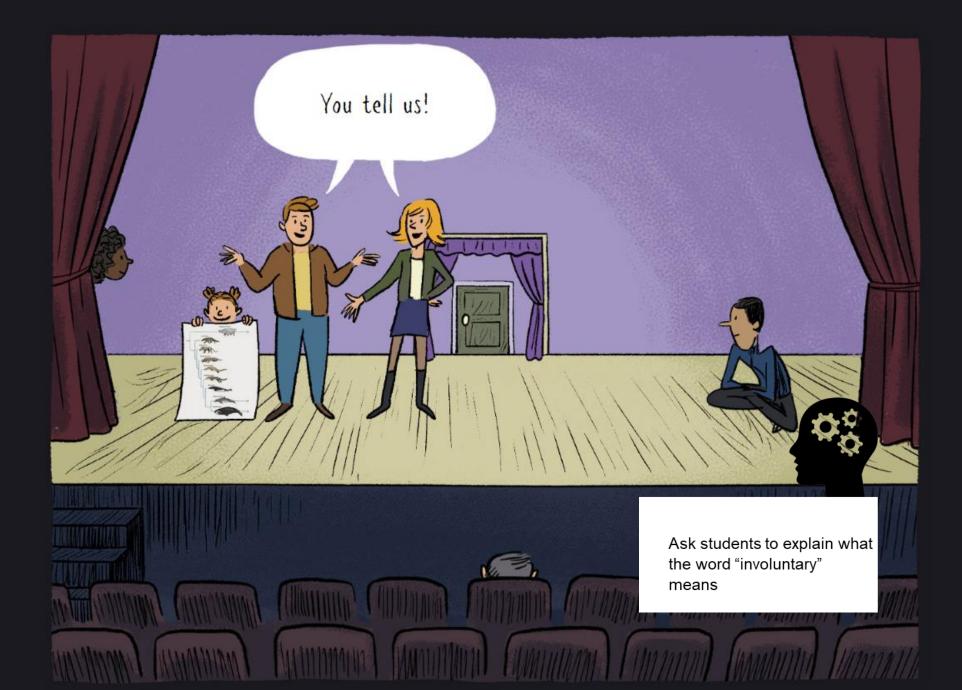














## The End

Script

Lau Bergey

Scriptdoctoring

Edith de Cornulier

Storyboard

Barbara Govin

Drawing

Aline Rollin



Start this chapter

