

# Teacher Notes: LS 08 Optional Activity

As part of their work in Learning Segment 8, students compare and contrast their own models with those of Darwin and Lamarck, eventually seeking to identify statements that Lamarck and/or Darwin might agree with. The ultimate goals here are (1) for students to recognize the (likely) congruence between the class's model and that of Darwin, and (2) to evaluate and potentially eliminate any “Lamarckian” statements in their model.

The following slide, paired with the cards embedded in the resources, are intended to help students practice with a series of perhaps more obvious statements. You can decide where in Learning Segment 08 you might choose to run this activity, but the teacher notes on one of the slides in LS 08 does directly refer to it. That may be the most logical place to insert the following two student slides that outline the instructions for the Darwin-Lamarck Card Sort.

# Darwin-Lamarck Card Sort

Look at the 16 cards you have in front of you.

For each statement, you will work as a group to decide whether it is something that works with:

- **Darwin's model** for Natural Selection, or
- **Lamarck's model** for Natural Selection, or
- **both models.**

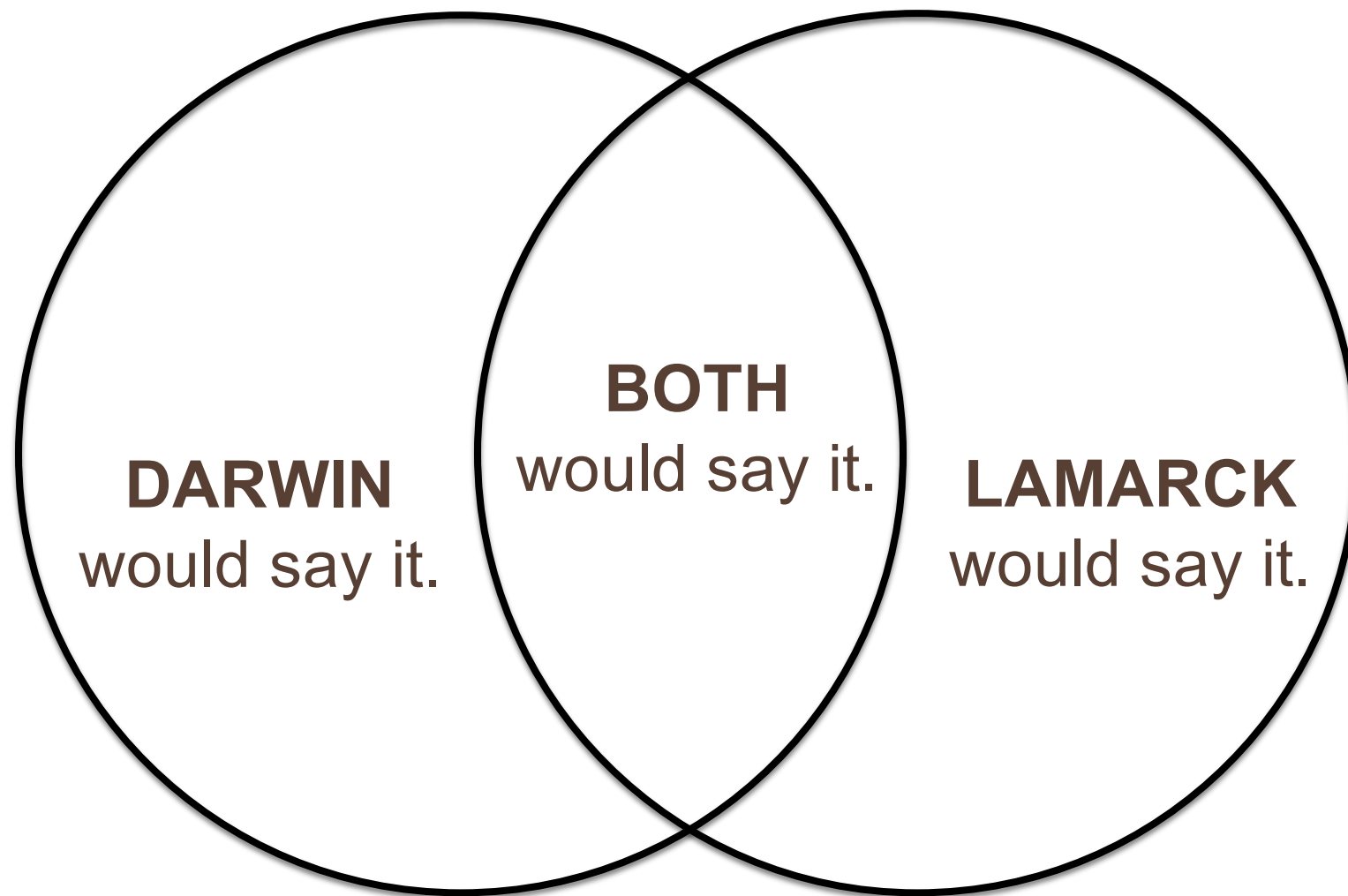
Essentially, is it something Darwin would say, Lamarck would say, or is it something both of them would say?

# Darwin-Lamarck Card Sort

On your white board, draw this Venn diagram.

Place the cards on diagram.

Discuss and come to a group consensus on where to place each statement.



→ When you finish, copy the diagram on scratch paper. Write the NUMBER of each statement to show where you placed it – no need to copy the statement.