

Amendments to the Texas High School Science standards [TEKS] introduced by State Board of Education member Terri Leo January 22, 2009

- (7) **Science concepts.** The student knows evolutionary theory is a scientific explanation for the unity and diversity of life. The student is expected to:

analyze and evaluate

- (A) ~~identify~~ how evidence of common ancestry among groups is provided by the fossil record, biogeography, and homologies including anatomical, molecular, and developmental; **[amendment passed, 8-3-2]**

analyze and evaluate how

- (B) ~~recognize that~~ natural selection produces change in populations, not individuals; **[amendment passed, 11-2-1]**

analyze and evaluate how

- (C) ~~describe~~ the elements of natural selection including inherited variation, the potential of a population to produce more offspring than can survive, and a finite supply of environmental resources ~~resulting~~ in differential reproductive success; **[amendment passed, 10-3]**

analyze and evaluate

- (D) ~~recognize~~ the relationship of natural selection to adaptation, and to the development of diversity in and among species; and **[amendment passed, 11-2-1]**

analyze and evaluate

- (E) ~~recognize~~ the effects of other evolutionary mechanisms including genetic drift, gene flow, mutation, and recombination. **[amendment passed, 12-2]**

(7) (C) Lowe: "[Wouldn't we need] 'results,' instead of 'resulting'? -- as long as you're going to correct the grammar." (Well, no, actually; you need "elements ... result", not "elements ... results".)

[Amendments and annotation added by Tony Whitson]

See <http://curricublog.wordpress.com/2009/02/05/leo-amendments/>

Voting by members of the Texas State Board of Education January 22, 2009 (Yes, No, and Abstain) on amendments introduced by SBOE member Terri Leo, to amend the Recommendations by the appointed writing teams of scientists and science teachers for revision of the state science standards (TEKS).

Section	Bio 7A	Bio 7B	Bio 7C	Bio 7D	Bio 7E
Berlanga	N	N	N	N	N
Nunez	N	N	N	N	N
Agosto					
Craig	N	Y	Y	Y	Y
Knight	Y	Y		Y	Y
Allen	A	A	N	A	Y
Hardy	A	Y	Y	Y	Y
Miller	Y	Y	Y	Y	Y
Bradley		Y	Y	Y	Y
Cargill	Y	Y	Y	Y	Y
Dunbar	Y	Y	Y	Y	Y
Leo	Y	Y	Y	Y	Y
Lowe	Y	Y	Y	Y	Y
McLeroy	Y	Y	Y	Y	Y
Mercer	Y	Y	Y	Y	Y
Totals	8 3 2 passed	11 2 1 passed	10 3 passed	11 2 1 passed	12 2 passed

Notes:

- SBOE members are listed in order of the percentage of their votes that were cast against all 22 amendments introduced that day (including these 5 from Terri Leo): i.e., the percentage of their votes cast in favor of preserving the recommendations of the writing teams (these are percentages, not number of votes, since some members did not vote on every one of the amendments).
- The seven SBOE members below the horizontal line cast 100% of their votes against preserving the recommendations of the writing teams. Berlanga and Nunez cast 100% of their votes in favor of preserving the recommendations of the writing teams.
- The shaded rows above the horizontal line are shaded only to aid visual perception of the data (there was no need to do that for the rows below the line).

Thanks to John Kingman for his tabulation of the votes.

Information on SBOE members can be found at <http://ritter.tea.state.tx.us/sboe/members.html>