

135 U.S. ~~Sp~~ ^{Speaking} Science ^{Wesley} Content-based ESL 0409B

2 special materials - need for listening & speaking materials in general, huge ESL student enrollment in science & related fields

138 recorded lab manuals - good resource
142 transfer from listening (w/ lecture assignment) to a Wn shells - oral/written; large textbooks

15.1 Pt III accompanying technology - ESL materials? Ch 9 compares content & content - 2/3 materials

152. 8 characteristics of an "optimal learning environment" 155 main part

165 d10 evidence - writing (developmental English) in writing; heavy use of teacher; notes of other things; self-confidence, and 180 anxiety
much progress in writing (text type complexity & and reading and culture and attitude)

180-81 Goodenough (speaks & understood)
181 "in writing becomes a valid means of expression to our students when they have an eager audience and a reason to write."

183 Ch 11 Bakewell & CB College ESL I in ix of the handbook & Home that 6 long term valid support of multiple intelligences, diff cognitive styles

186 critical literacy: "the ability to locate & evaluate info" 188 enhanced metacognition - including not just learning steps, but describing them. ESL, but applicable to all

190 focus discipline research - sustained content study (Pally 1997) - engaging students in extended practice w/ both linguistic structures & disciplinary content

enabling them to become content experts in a subject area of their own choosing

191 her book Interdisciplinary Complexities

ECBI unit on environmental science
DESI GNL/NL6 shell - N just for content
202 Ch 12 Role of Int'l - based tech in practice