

國立彰化師範大學 99 學年度碩士班招生考試試題

系所：生物學系

組別：丙組

科目：科教英文

☆☆請在答案紙上作答☆☆

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一、名詞解釋（每題 6%，共 30%）

1. Nature of science
2. Alternative assessment
3. Teacher professional development
4. Conceptual change
5. Integrated curriculum

二、請翻譯以下文句（不需逐字翻譯，大意即可，20%）

The Kansas Board of Education (美國堪薩斯州教育委員會) voted on Wednesday to delete almost any mention of evolution from the state's science curriculum, in one of the most far-reaching efforts by creationists in recent years to challenge the teaching of evolution in schools. While the move does not prevent the teaching of evolution, it will not be included in the state assessment tests that evaluate students' performance in various grades, which may discourage schools from spending time on the subject.
(文章修改自 New York Times 1999/8/12 報導)

三、比較名詞（說明下列各組名詞的異同，每題 10%，共 50%）

1. Qualitative V.S. Quantitative study
2. Formative V.S. summative test
3. Random V.S. purpose sampling
4. Experiment V.S. Quasi-experiment design
5. Validity V.S. reliability