

# 奈米科技教育的發展

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## 摘要

奈米科技教育自2003年以來，經教育部及國科會大力支持下，10年來逐漸推出各式的教案、創造出教具以及推廣的策略。本文主要探討奈米科技教育在這十年間的教育發展。研究者由人才培育計畫、教學報告及相關網路應用中，一窺其所在教材選用及教育施行方式；並從開設課程、教育目標、評量策略、科普推廣，來察看奈米科技教育在這十年間的發展脈絡。

**關鍵詞：**奈米科技、k-12、課程計劃

## The development of Nanotechnology Education

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### Abstract

From 2003, the ministry of education and minister of national science council had giving huge impetus to nanotechnology education. The lesson planning proposals, teaching aids and strategies for nanotechnology education were increase and rich. The aim of this study is wanted to discuss the development of nanotechnology education in the ten years. By using content analysis method to view the education plans, teaching reports, and educational networks, both the teaching materials and educational applications were studied. It was also including the curriculum plan, goal of education, assessment and population science to view the development of nanotechnology education.

**Key words:** Nanotechnology, k-12, curriculum plan