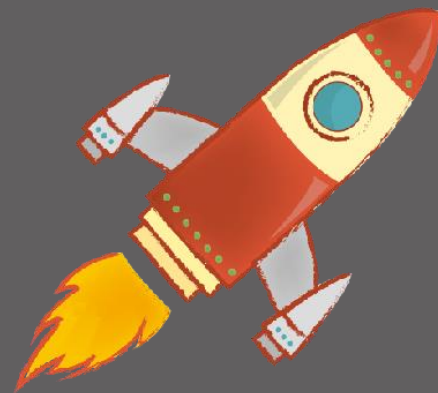


# 從物理出發， 走過科學與藝術的人生

**朱慶琪**

中央大學物理系副教授/ 科學教育中心主任

2018/10/02 中央大學理學院學士班



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<http://Phy.tw/>

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<http://科教.tw/>

# Top 10 skills

## in 2020

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1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

## in 2015

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1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgment and Decision Making
9. Active Listening
10. Creativity



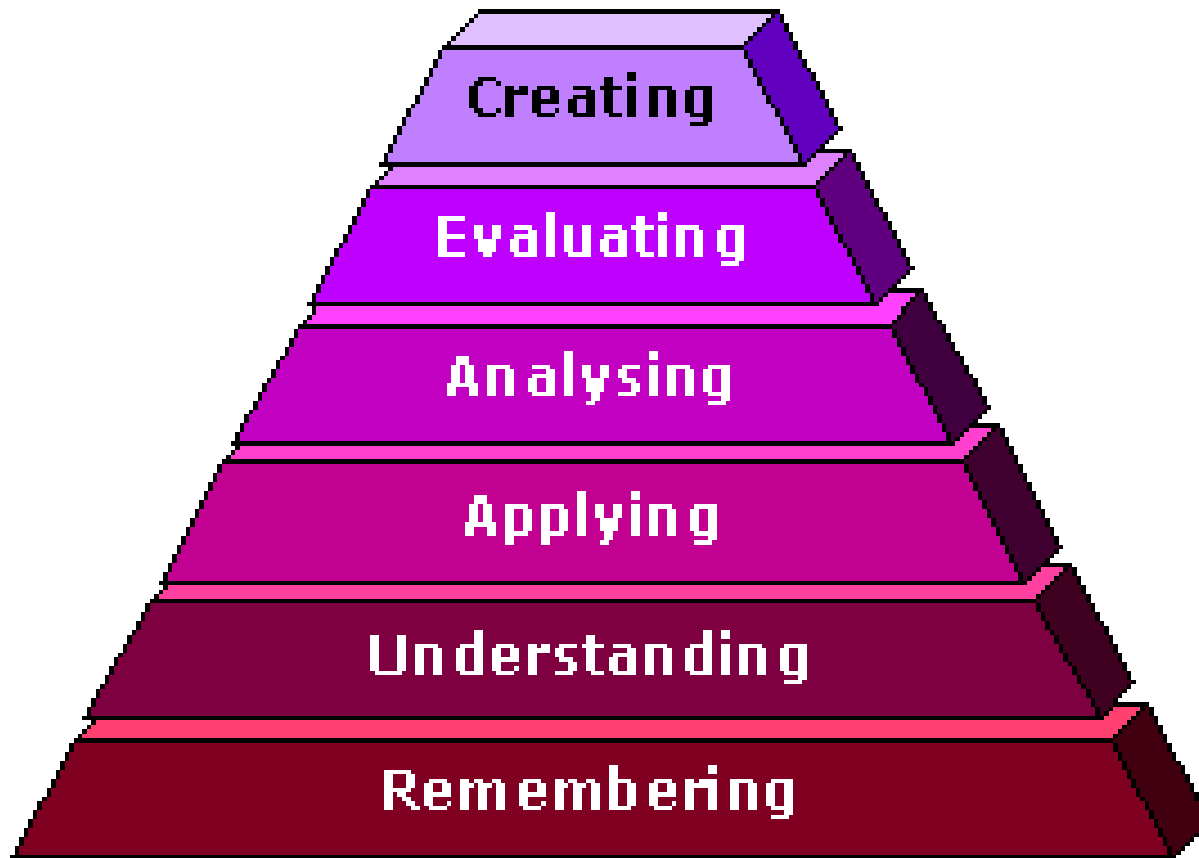
Cathy N. Davidson

*“That’s crucial in a world where, according to the U.S. Department of Labor Statistics, adults change careers (not just jobs) four to six times or where, as an Australian study predicts, 65% of today’s teens will end up in careers that haven’t even been invented yet.”*

-Why Flip The Classroom When We Can Make It Do Cartwheels? By Cathy Davidson, professor at Duke University

荀子儒效篇：

「不聞不若聞之，聞之不若見之，  
見之不若知之，知之不若行之，  
學至於行而止矣。」



Bloom's Taxonomy, cognitive domain  
*Revised taxonomy of the cognitive domain following  
Anderson and Krathwohl (2001)*

- 得與失？

- 成功的定義 (study of The path taken: Consequences of attaining intrinsic and extrinsic aspirations in post-college life, C. P. Niemiec , R. M. Ryan, E. L. Deci, Journal of Research in Personality 43 (2009) 291-306 )

  - 身分地位？

  - 幸福快樂？

  - 達成目標？

- 生命的意義

  - 創造宇宙繼起之生命？

  - 實現自我？

Aspirations	Sample items
Close relationships ( <b>intrinsic</b> )	To have deep, enduring relationships
Community involvement ( <b>intrinsic</b> )	To help others improve their lives
Personal growth ( <b>intrinsic</b> )	To grow and learn new things
Physical health ( <b>intrinsic</b> )	To be physically healthy
Money ( <b>extrinsic</b> )	To be a wealthy person
Fame ( <b>extrinsic</b> )	To be admired by many people
Appealing image ( <b>extrinsic</b> )	To achieve the look I've been after

*The relation of aspiration attainment to psychological health was found to differ as a function of the content of the goals. Attainment of the intrinsic aspirations for personal growth, close relationships, community involvement, and physical health related positively to basic psychological need satisfaction and psychological health. In contrast, attainment of the extrinsic aspirations for money, fame, and image was unrelated to basic psychological need satisfaction and related slightly negatively to psychological health. Thus, the importance of providing need-supportive contexts that allow for the development of intrinsic aspirations and the facilitation of psychological health is apparent. (study of The path taken: Consequences of attaining intrinsic and extrinsic aspirations in post-college life, C. P. Niemiec , R. M. Ryan, E. L. Deci*

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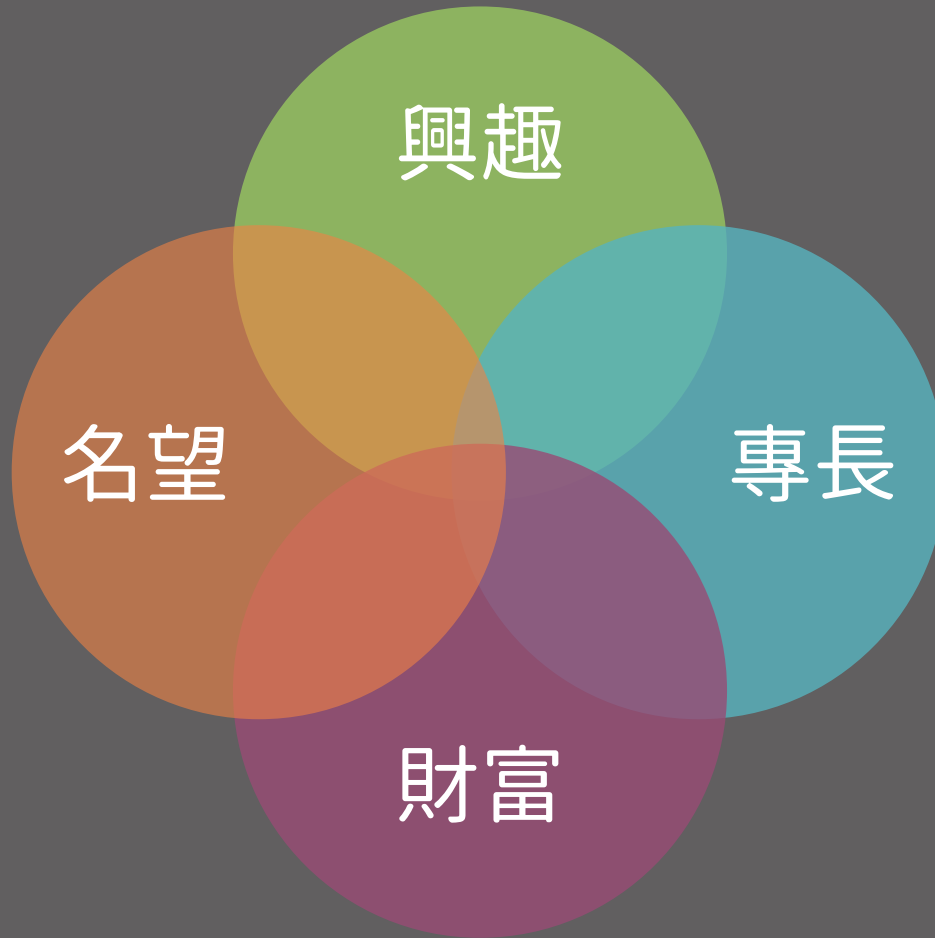


人生目標？

# 你的理想未來



# 你的理想未來



祝福你

活出自己獨一無二的人生！