

# Teaching & Learning: The Filial Parenting Way

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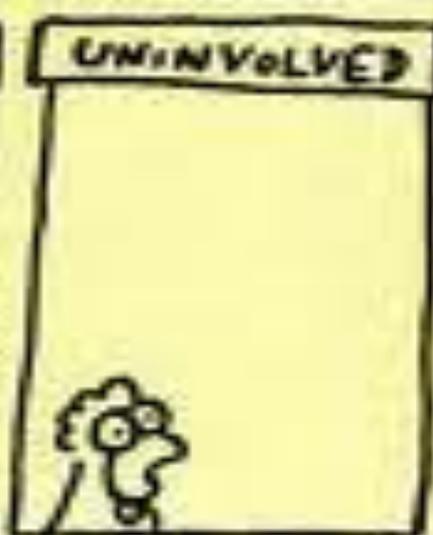
# Parenting Styles

- **Authoritarian**
  - Low responsiveness, high demand
- **Authoritative**
  - High responsiveness, high demand
- **Permissive**
  - High responsiveness, low demand
- **Uninvolved/Neglect**
  - Low responsiveness, low demand

# Savage Chickens

by Doug Savage

DR. BAUMRIND'S  
**5**  
STYLES OF  
PARENTING



©2004 by Doug Savage

# Filial Parenting Style – Foo (2014)

- Predominantly practiced by Chinese Singaporeans
- Based on teachings of filial piety
- Constructs
  - Filial Piety
  - Face
  - Parental Love





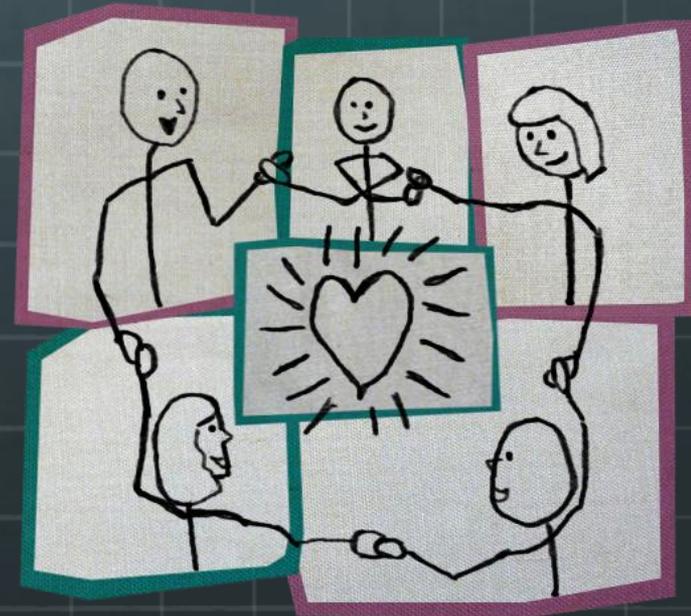
1. Old

2. son

# Filial Parenting – Foo (2014)

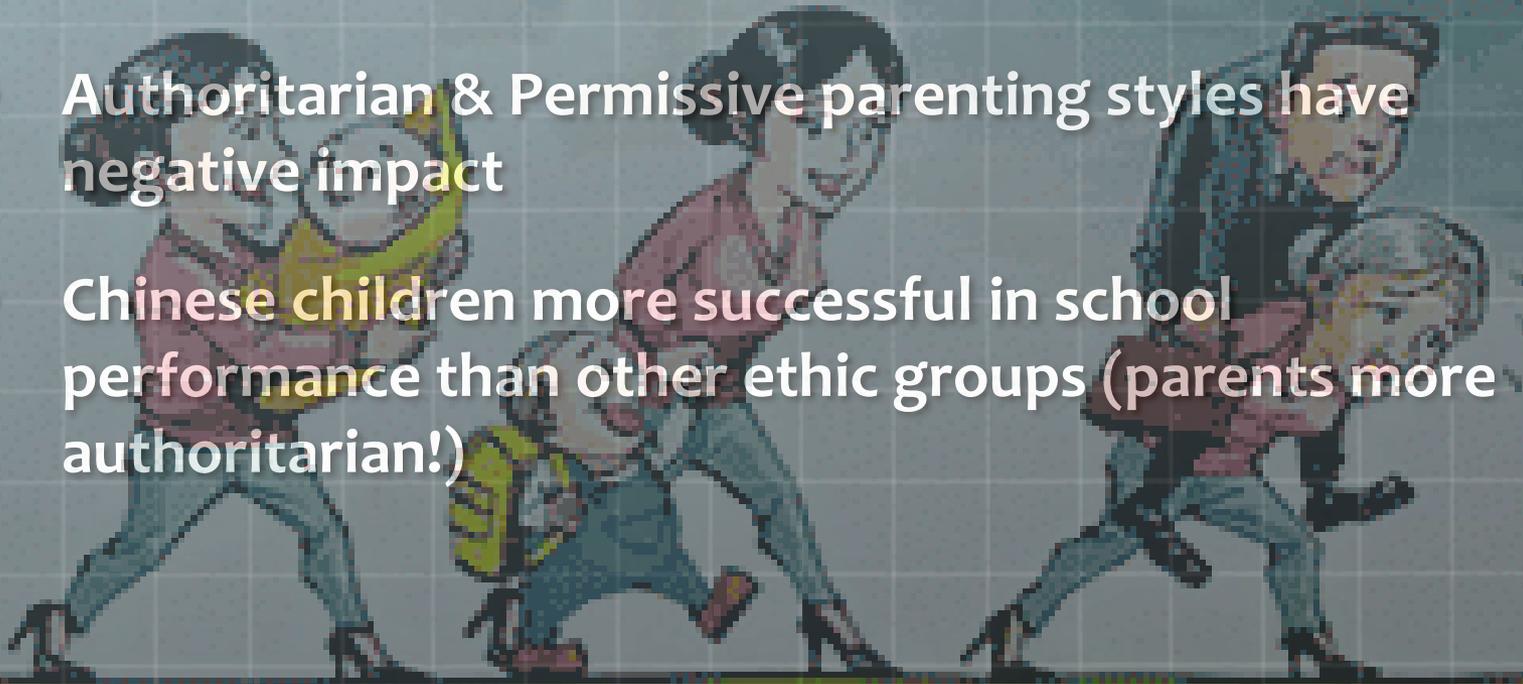
## Conditions:

- 🌐 Both parents to be present
- 🌐 intact basic small family (1-2 children)
- 🌐 Presence of filial piety
- 🌐 Competitive



# Filial Parenting Style

- Authoritative parenting style positively related to academic achievement
- Authoritarian & Permissive parenting styles have negative impact
- Chinese children more successful in school performance than other ethnic groups (parents more authoritarian!)

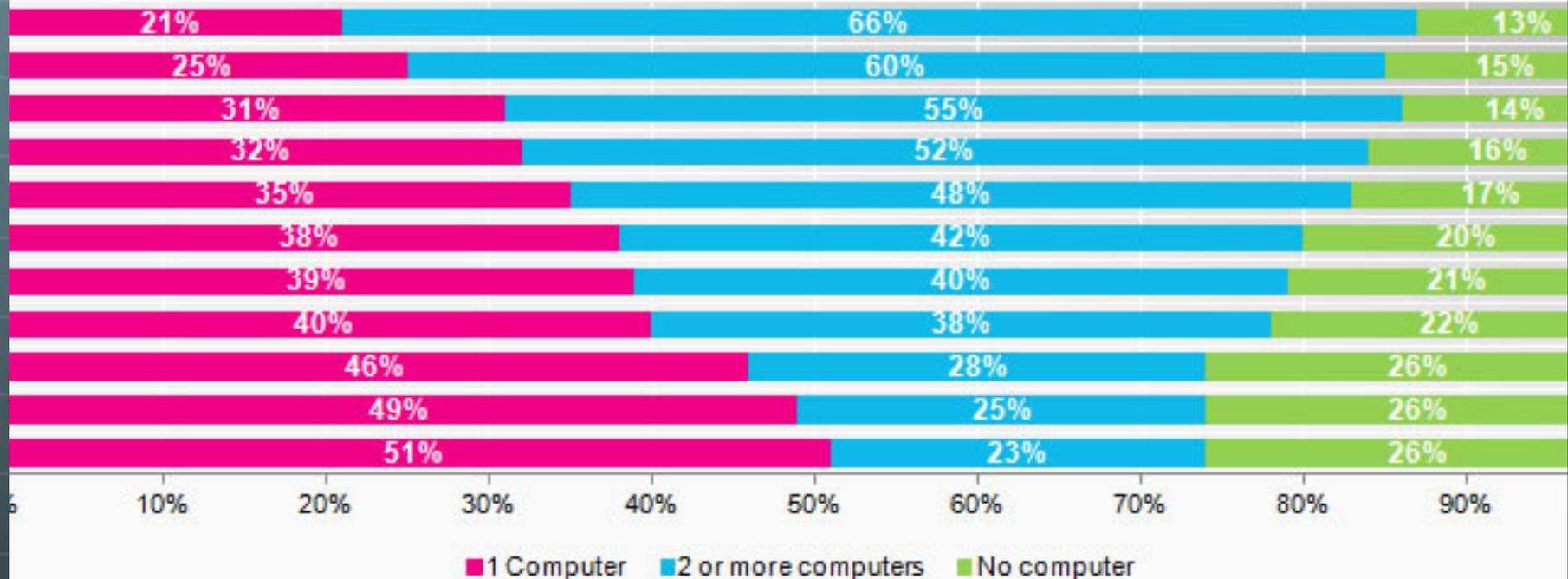


# The Ideal Child

- Chinese parents: perceptions closely related to traditional values in Chinese culture
  - Respect for elders
  - Good manners
  - Good academic outcome
  - Self-discipline
- 83% parents reported providing ways to help their child study
- Confucian thought: self-restraint, controls his/her behaviour and emotions

# Why Technology and Parenting?

Access to a Computer at Home, 2003 - 2013



Resident households in Singapore.

Source: IDA's Annual Surveys on Infocomm Usage in Households and by Individuals.

# Why Technology and Parenting?

Household Access to Internet, 2003 - 2013



Base: Resident households in Singapore.

Source: IDA's Annual Surveys on Infocomm Usage in Households and by Individuals.

# Why Technology and Parenting?



Base: Residents in each age group.

# Why Technology and Parenting?

Selected Primary Internet Activities by Age Group (2012) – Working and Learning Activities



■ a) Applying for jobs

■ b) For education or learning activities

■ c) For remote access

Base: Internet users in each age group.

Source: IDA's Annual Surveys on Infocomm Usage in Households and by Individuals.

# Available Technologies

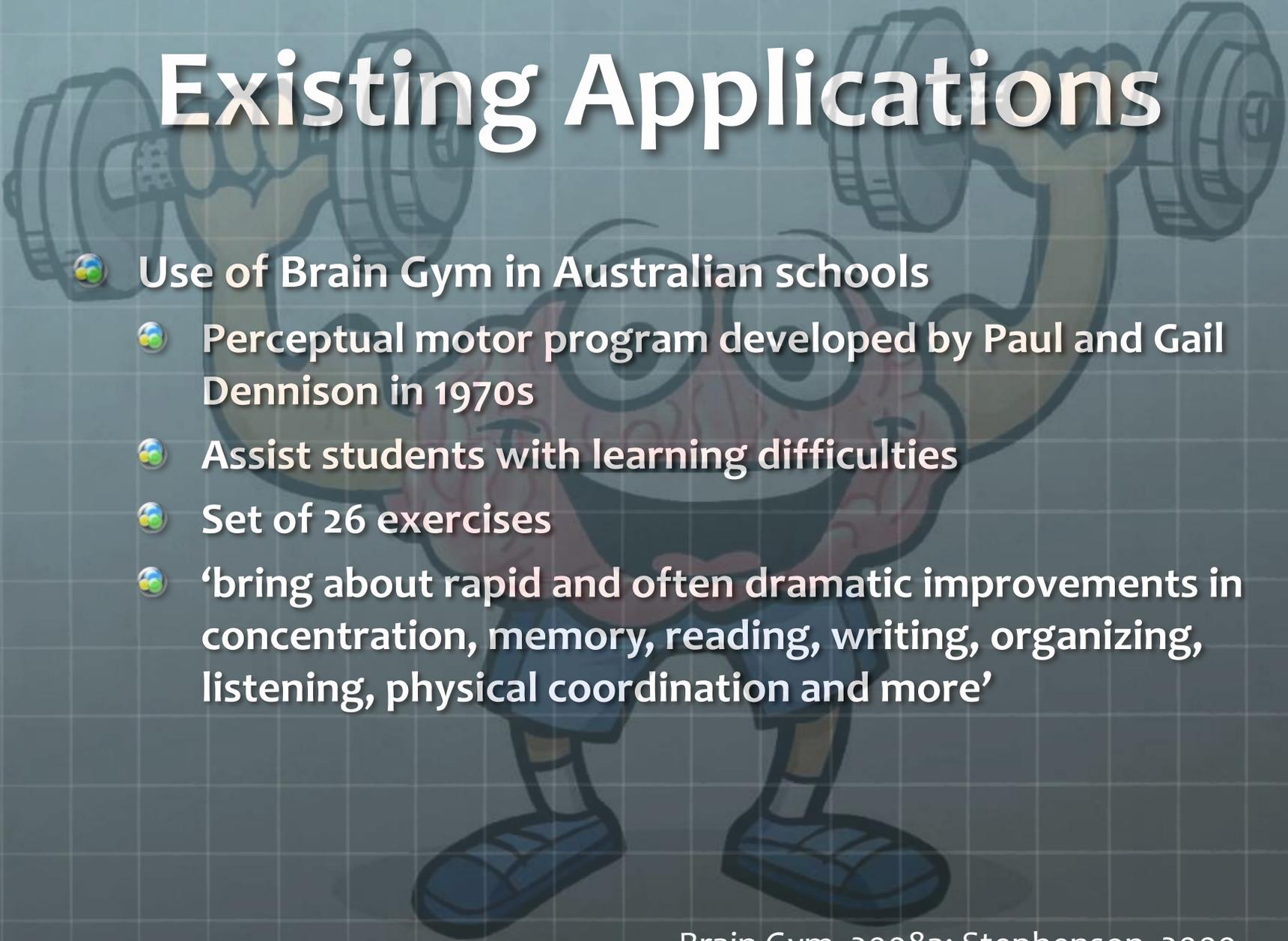
- 🌐 Mobile Learning (e-learning)
- 🌐 Cloud Computing
- 🌐 Tablet Computing
- 🌐 Digital textbooks
- 🌐 Virtual Laboratories
- 🌐 Wear-on devices

# Existing Applications

- Shaffer (2013) – technology in English language classrooms at primary, secondary and tertiary levels
- Frequency of use :
  - Digital devices
  - Offline computer software
  - Online computer materials
  - Out-of-class teaching tools



# Existing Applications

A cartoon illustration of a brain character with a smiling face, wearing blue shorts and blue shoes. The brain character is holding two dumbbells, one in each hand, raised above its head. The background is a dark blue grid pattern.

## Use of Brain Gym in Australian schools

- Perceptual motor program developed by Paul and Gail Dennison in 1970s
- Assist students with learning difficulties
- Set of 26 exercises
- ‘bring about rapid and often dramatic improvements in concentration, memory, reading, writing, organizing, listening, physical coordination and more’

# Recommendations

- 🌐 Turn lessons into games : 30 min, 3, 6 hours compulsory breaks (e.g. after 30mins, message on screen “time to break, stretch, walk away”; after 6 hours, “game will resume tomorrow, good day”)
- 🌐 Preventive: Allow students to be checked for learning disabilities (e.g. hearing difficulties, lazy eye) prior to commencement of school



# Recommendations

- 🌐 Allow parents to be engaged in using these technologies for updates of child's progress in school
- 🌐 Teaching and learning at different levels
  - 🌐 Kindergarten – interactive learning packages
  - 🌐 Primary & Secondary – e.g. virtual reality for science lessons like National Geographic?



# Challenges in a Digital Age

- 🌐 Students spending as much as 22.5 hours per week playing videogames
- 🌐 Tougher for parents to control over what the child receives through the technologies
- 🌐 Cost of devices or soft wares may not be accessible to everyone

# Implications

-  Improve academic acquisition and learning amongst children
-  Engage in more parental support in child's education
-  Preventive and protective measures for learning difficulties
-  Parents expressed loss of control over IT usage by their children – help seeking through workshops?

# Further Implications

- 🌐 Be an alert parent for your child's learning needs
- 🌐 Visit James Cook University Singapore or other institutions' websites on updates regarding Teaching and learning techniques
- 🌐 As parents: how much is too much?
  - 🌐 Markazi and colleagues (2011)
  - 🌐 Deslandes & Bertrand (2005)

# References

-  Brain Gym. (2008a). About Brain Gym. Retrieve July 24, 2008, from <http://www.braingym.org/about>
-  Deslandes, R., & Bertrand, R. (2005). Motivation of parent involvement in secondary-level schooling. *The Journal of Educational Research*, 98(3), 164-175.
-  Foo, K. H. (2014, July). Filial parenting is not working! In Mandal (Ed.), *Proceedings of the International Conference on Managing the Asian Century: ICMAC 2013* (pp. 343-351). Singapore: Springer.
-  Markazi, L., Badrigargari, R., & Vahedi, S. (2011). The role of parenting self-efficacy and parenting styles on self-regulation learning in adolescent girls of Tabriz. *Social and Behavioural Sciences* 30, 1758-1760.

# References

- 🌐 Shaffer, D. E. (2013). Language teaching and learning with technology: Student use, teacher beliefs. *Journal of US-China Public Administration*, 10(9), 927-932.
- 🌐 Shek, D. T. L., & Chan, L. K. (1999). Hong Kong Chinese parents' perceptions of the ideal child. *The Journal of Psychology*, 133(3), 291-302.
- 🌐 Steinberg, L., Elmen, J. D., & Mounts, N. S. (1989). Authoritative parenting , psychosocial maturity, and academic success among adolescents. *Child Development*, 60(6), 1424-1436.

# References

-  Steinberg, L., Lamborn, S. D., Dornbusch, S. M., & Darling, N. (1992). Impact of parenting practices on adolescent achievement: Authoritative parenting, school involvement, and encouragement to succeed. *Child Development, 63*(5), 1266-1281.
-  Wu, D. Y. H. (1996). Chinese childhood socialization. In M. H. Bond (Ed.), *The handbook of Chinese Psychology* (pp. 143-154). Hong Kong: Oxford University Press.
-  Xie, Q. (1996). Parenting style and only children's school achievement in China. Paper presented at the Annual Conference of the American Educational Research Association, New York (ERIC Document Reproduction Services No. ED396819)



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