

香港資優教育學院  
The Hong Kong Academy for Gifted Education

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## Factsheet

### TEACHING AND LEARNING IDEAS IN A NUTSHELL

*"Intelligence is what you use when you don't know what to do."*  
Jean Piaget

The following pages outline some of the key ideas and models/approaches to teaching and learning for gifted children. None of the ideas is presented in any detail as the intention is to provide a straightforward introduction to the topic.

Some are more appropriate for the gifted child and some have more general applicability. The degree to which the education establishment supports each model varies, as does the empirical evidence available to validate the outcomes.

There is no attempt in this section to evaluate the relative merits of each theory.

#### Brain-based Learning

<http://www.hkage.org.hk/download/Teacher/TF001a%20-%20Brain-based%20Learning.pdf>

#### Right Brain v Left Brain

<http://www.hkage.org.hk/download/Teacher/TF001b%20-%20Right%20Brain%20v%20Left%20Brain.pdf>

#### Neuroscience

<http://www.hkage.org.hk/download/Teacher/TF001c%20-%20Neuroscience.pdf>

#### Piaget

<http://www.hkage.org.hk/download/Teacher/TF001d%20-%20Piaget.pdf>

#### Constructivism

<http://www.hkage.org.hk/download/Teacher/TF001e%20-%20Constructivism.pdf>

#### Behaviourism

<http://www.hkage.org.hk/download/Teacher/TF001f%20-%20Behaviourism.pdf>

#### Learning Styles

<http://www.hkage.org.hk/download/Teacher/TF001g%20-%20Learning%20Styles.pdf>

#### Multiple Intelligences

<http://www.hkage.org.hk/download/Teacher/TF001h%20-%20Multiple%20Intelligences.pdf>

#### Vygotsky and Social Cognition

<http://www.hkage.org.hk/download/Teacher/TF001i%20-%20Vygotsky%20and%20Social%20Cognition.pdf>