

Hong Kong ASD Conference 2018 5th July 2018

The JC A-Connect School Support Programme: Process and Results 2015-2018

Irene Ho
Department of Psychology
The University of Hong Kong



Acknowledgement

The Hong Kong Jockey Club Charities Trust

EDB Educational Psychology Service (NTW) Section

HKU JC A-Connect School Support Team

NGO Programme Coordinators, Professional Advisors and Coaches

- Caritas Hong Kong
- Heep Hong Society
- New Life Psychiatric Rehabilitation Association
- SAHK
- The Salvation Army
- Tung Wah Group of Hospitals

Participating schools

- Principals and administrators
- Teachers and guidance personnel
- Parents
- Students with ASD and their peers

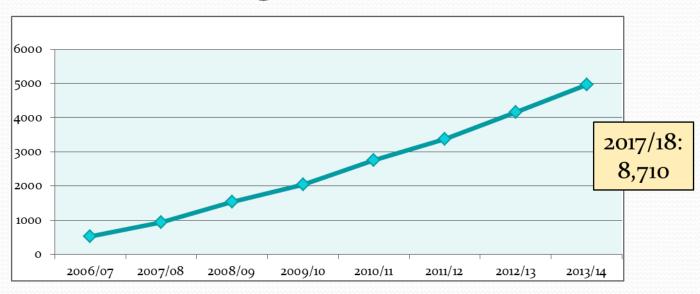
Student researchers, student helpers



Outline

- Background of the project
- Programme model and features
- Project results and findings
- The way ahead

Background: Needs



Tier 1

Individual **Training**

Tier 2 **Group Training**

Tier 3 Classroom Support

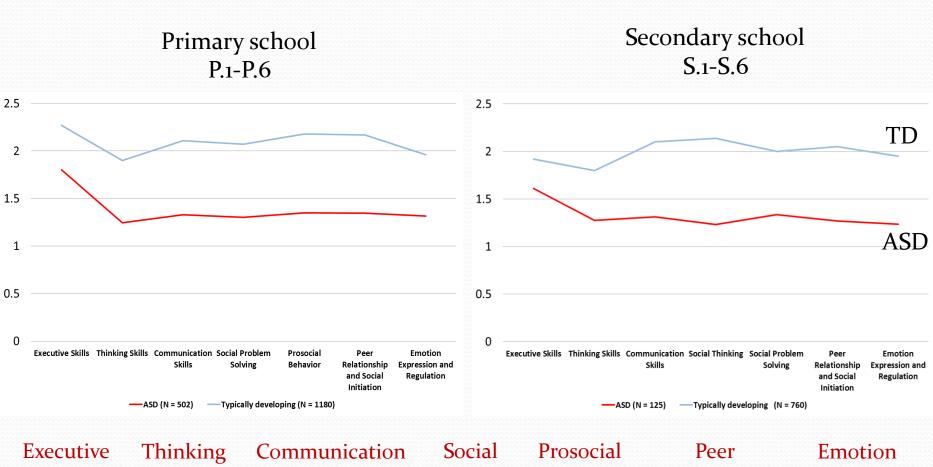
Inclusive Education

- Three-tier support model
- Home-school cooperation
- Whole-school approach

Challenges for

- > Students with ASD & their peers
- Schools and teachers
- Parents
- Good Practice Professionals

Students with Typical Development vs Students with ASD



skills

skills

skills

problem solving

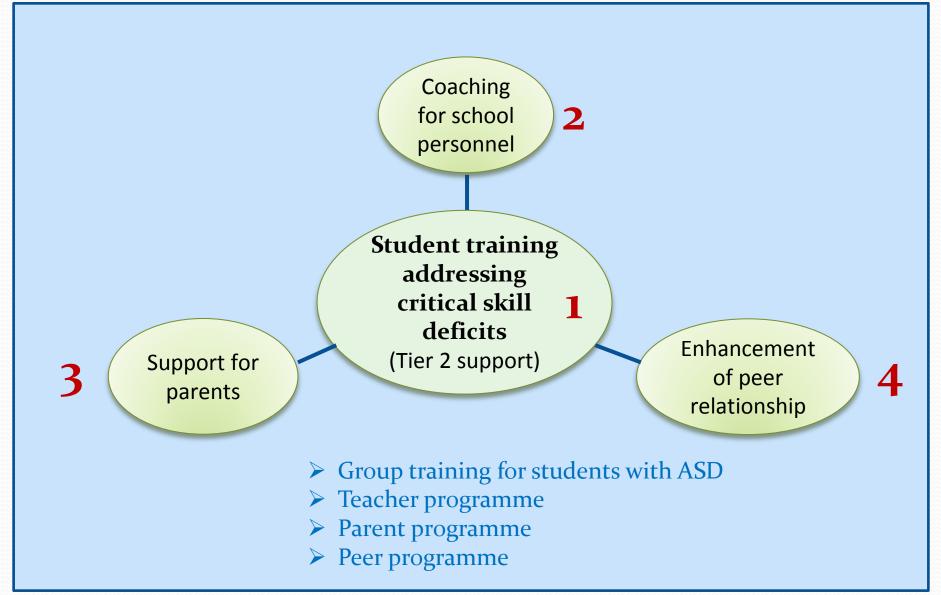
Behavior/ Social thinking

relationship & social initiation

expression & regulation

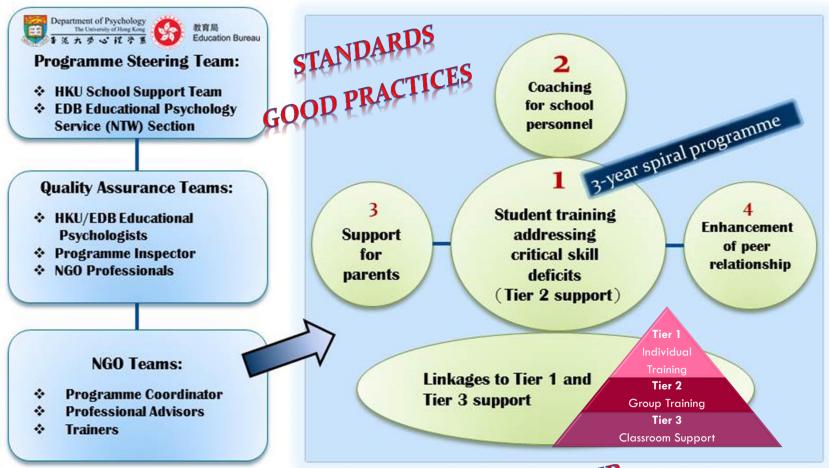


School-based capacity building





Model of School Support









New Life



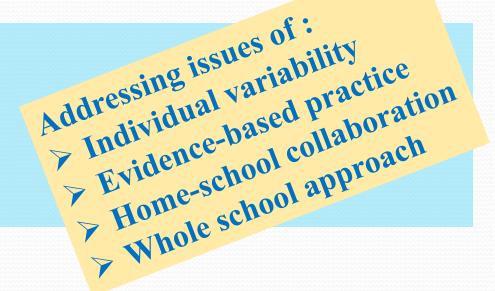
Programme Features

Student Training Groups:

- ★ Individualized needs assessment and training goals
- ★ Evidence-based strategies
- ★ Systematic monitoring of student progress
- Strong teacher & parent participation

Matching programmes:

- ★ Teacher programmes
- Parent programmes
- Peer programmes



Good Practice



Most common training goals (Primary school)

• 理解別人的觀點、感受或意圖

Perspective taking

- 按別人的反應(如:情緒、想法、語言及非語言的回應)調整自己的 行為
- 調控自己的行為及注意自己的儀容,使別人留下好印象
- 運用恰當的非語言訊息(如:目光、動作、姿勢及表情)
- 對話時,能自然地轉換話題

Communication skills

- 留心聆聽
- 按別人的反應來調整對話內容及方法(如:對方不明白時加以澄清)
- 運用恰當的策略去調控焦慮或失落的情緒
- 以表情、動作及語氣來表達情緒

Emotional regulation

當出現負面的情緒時(如:傷心、不安和憤怒),會恰當地尋求別人 的關注、安慰或幫助



Most common goals (Secondary school)

- 按別人的反應(如:情緒、想法、語言及非語言的回應) 調整自己的行為 • 了紹知何建立好印象 Perspective taking
- 了解如何建立好印象
- 理解別人的觀點、感受或意圖
- 提升對話技巧
- 在小組討論中與人協商以達致共識

Communication skills

- 恰當地處理社交欺凌(如:取笑、散播謠言、網絡欺凌)
- 能運用不同的策略去調控情緒
- 運用不同的方法去解決問題

Problem solving

Most common EBPs used in group training

- ➤ Social skills training
- ➤ Task analysis
- ➤ Modeling
- ➤ Video modeling
- **→** Prompting

- ➤ Visual supports
- **→** Scripting
- **≻**Reinforcement
- ➤ Naturalistic intervention
- > Self-management

Reference:

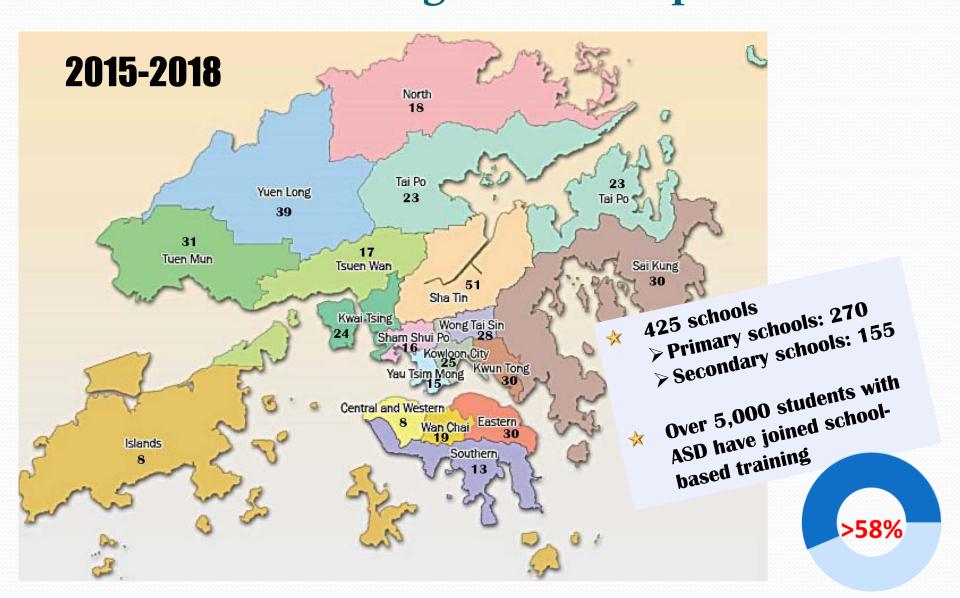
Wong, C., Odom, S. L., Hume, K., Cox, A. W., Fettig, A., Kucharczyk, S., et al. (2014). *Evidence-based practices for children, youth, and young adults with autism spectrum disorder*. Chapel Hill: The University of North Carolina, Frank Porter Graham Child Development Institute, Autism Evidence-Based Practice Review Group.



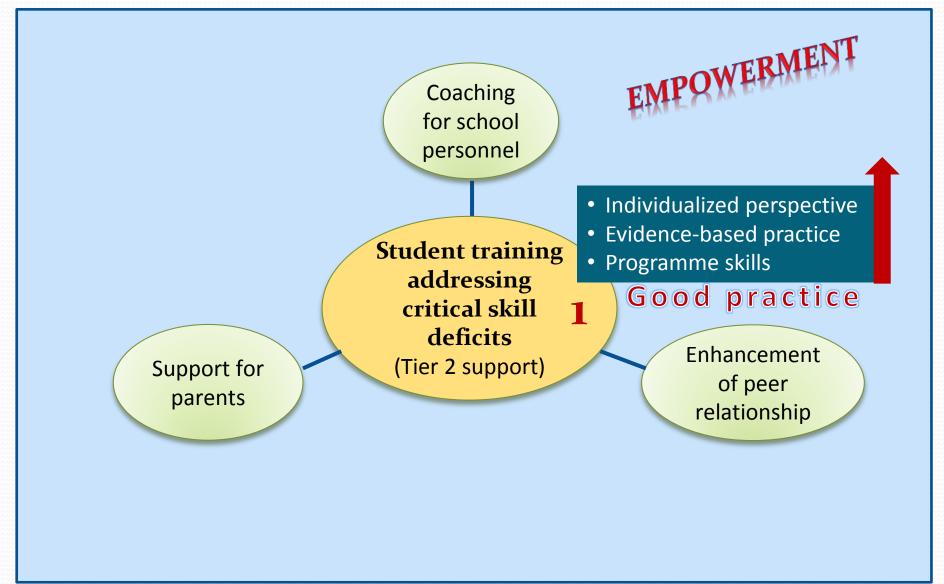
Results

- 1. Significant Impact
- 2. Capacity Building
- 3. Expertise Development
- 4. Resource Development

Results 1. Significant Impact



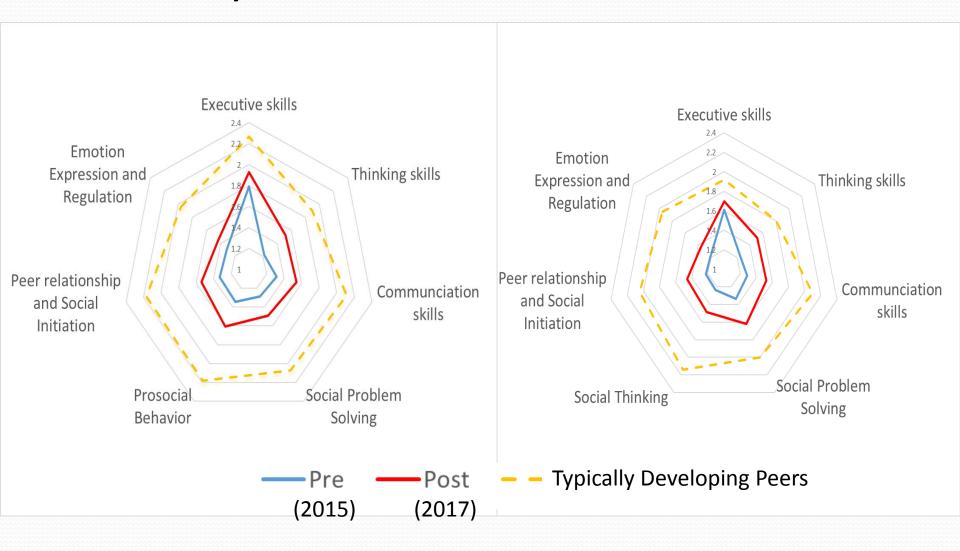
Results 2. Capacity Building



Students: Improved Adaptive Skills

Primary School

Secondary School



表達和回應有明顯進步, 她現在會在現場環境找自 己不懂表達的提示。



在街上碰見同學仔,會主 動告訴我同學仔名稱,以 前會拖我行快些,遠離同 學,視而不見。

參加計劃後,我的子女 會主動認識新朋友,與 同學相處亦有明顯進步。

在情緒方面有進步, 及在輸了後的反應比 以往穩定;亦學會了 禮讓其他人。 個人自信心增強,自理能 力進步,與別人溝通能力 有進步。

參加計劃後,小朋友在學 校的投入程度高了,變得 更有禮貌,學習更為專注。 能使用情緒詞彙 表達自己當刻的 感受。 學生在參與計劃後,社交 溝通技巧有進步(例如邀 請同學參加遊戲)。亦協 助他們理解別人背後動機。

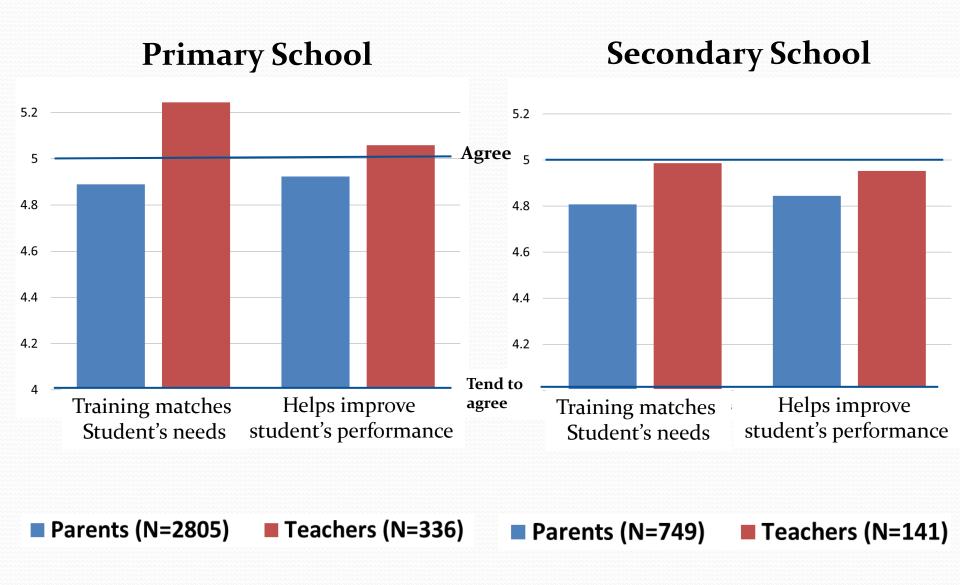
計劃兼顧全面,…有助學生適 應學校生活及家人相處,改善 學生與家人、老師和同學的關 係,也有助學生改善情緒管理。

老師的話

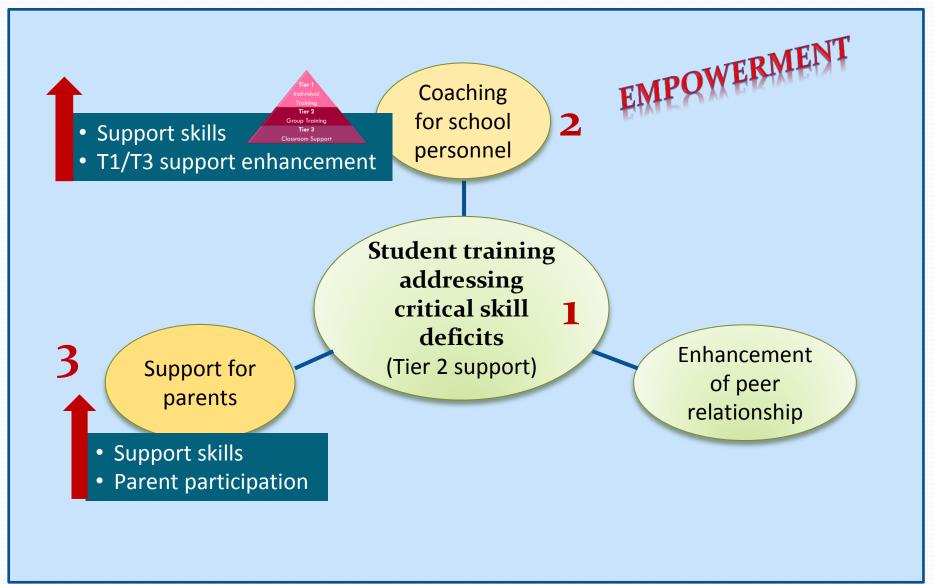


有關小五小六有自閉症的學生,負責機構也為學生及家長提供升中轉銜的資訊,協助他們做好升中的準備。

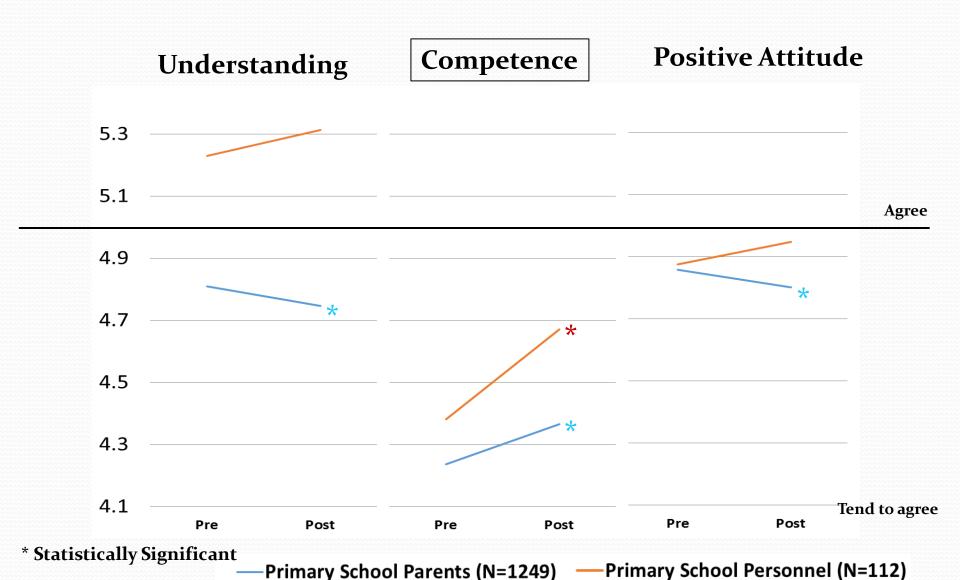
Programme Effectiveness: Ratings by Parents & Teachers



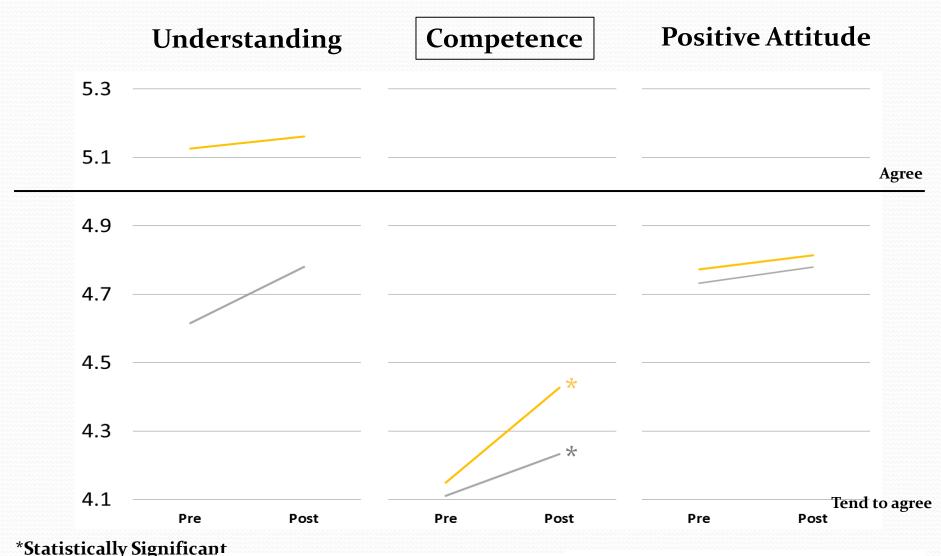
Results 2. Capacity Building



Self-Ratings by Teachers and Parents: Enhanced Sense of Competence (Primary School)



Self-Ratings by Teachers and Parents: Enhanced Sense of Competence (Secondary School)

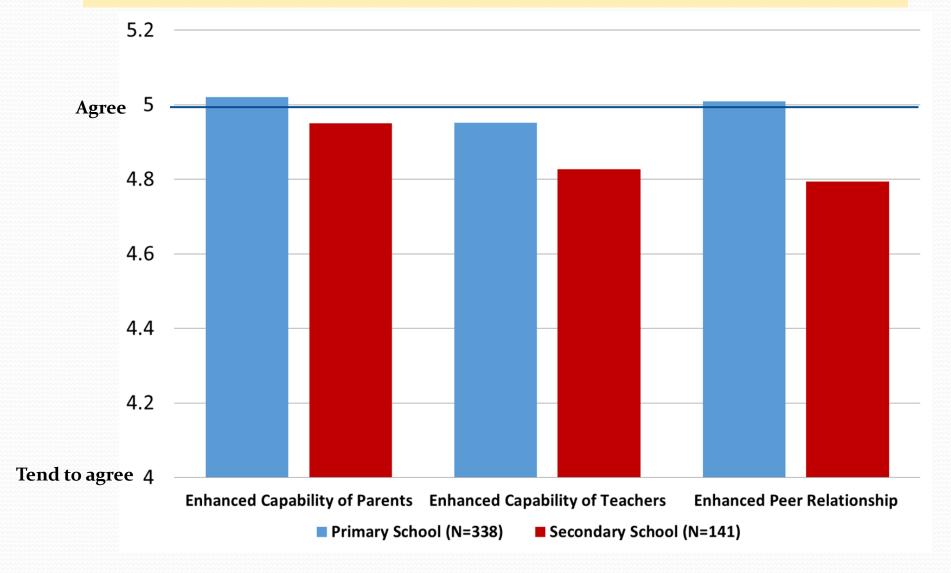


—Secondary School Parents (N=231) —Secondary School Personnel (N=29)

Report by School Support Team:



- > Enhanced understanding and skills of teachers and parents
- > Enhanced peer relationship





Enhancing parents' capacity and home-school collaboration

負責姑娘樂意與家長溝通,了 解孩子的行為;父母有時候感 到憂慮,姑娘常常安慰,給予 我們很多正能量再向前行。 欣賞導師對兒子的觀察···給 予恰當的管教技巧建議,改 善親子溝通。

計劃幫助了我的兒子和家庭, 家庭關係亦變得融洽。



最欣賞計劃**重視與家長溝通** ,讓我們知道孩子上小組的 情況,在家中也可學以致用。

計劃兼顧全面,有助自閉症學 童、家人、老師相互了解,有 助學生適應學校生活及家人相 處...。 社工可以和家長進行定期訪談, 並將小朋友在家裏遇到的困難告 知老師。這個計劃正是家校合作 的橋樑。

Communication

Mutual understanding Mutual support Positivity

Enhanced Home-School Collaboration

- Better communication
- More active parent/ home support for student learning

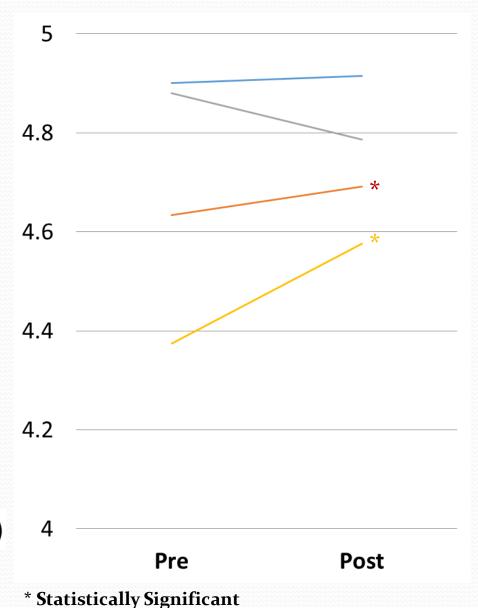




— Parents (N=1179) — Teachers (N=1197)

Secondary School:

—Parents (N=231) — Teachers (N=228)



Enhanced Whole School Approach

- More effective 3-tier support
- More support from different members of the school community

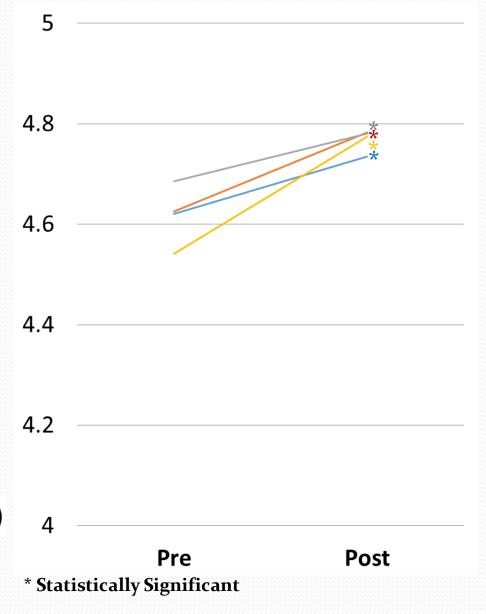


Primary School:

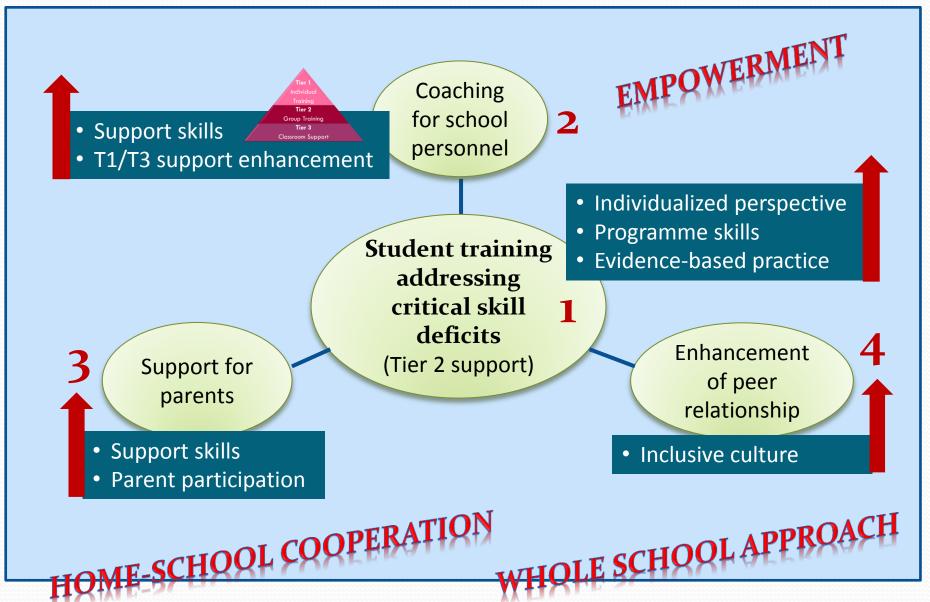
— Parents (N=1179) — Teachers (N=1197)

Secondary School:

— Parents (N=231) — Teachers (N=228)



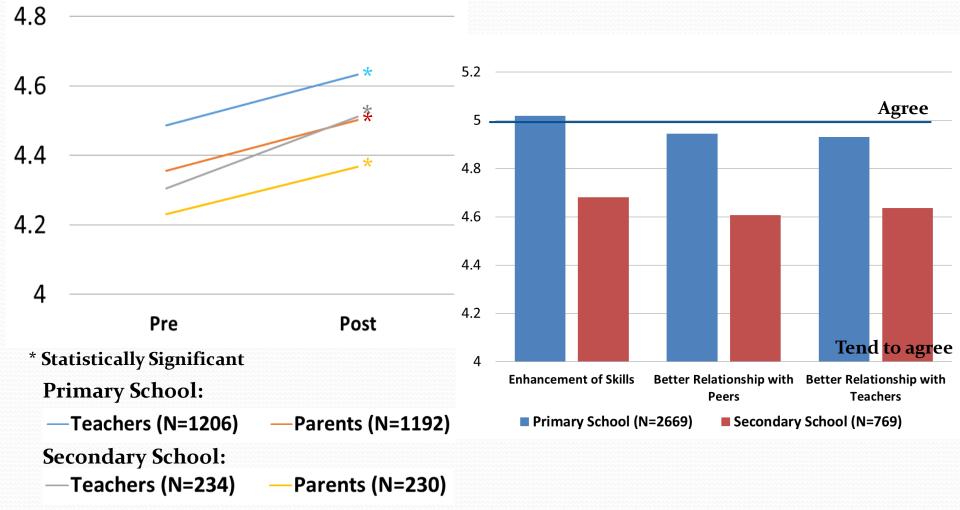
Results 2. Capacity Building



Change in indicators of inclusion: Ratings by parents and teachers

Student feels accepted, actively participates, has positive relationships, maintains confidence & self-esteem

Students' enhanced experience of inclusion



Results 3. Expertise Development

★ Territory-wide training and sharing events for school	
personnel and related professionals	Participants
3 conferences with international speakers	>1,700
15 professional training seminars/workshops	>2,200
13 sessions of teacher training	>1,700

老師的話:

- 加深認識自閉症學生的特質及學習具 體的策略,在教學中運用
- 明白到要尋根究底, 才能對症下藥
- 個案分享有助了解問題所在, 檢討現 行策略之成效
- 方法是實際有用,並非紙上談兵
- 明白輔導有自閉症的學生要具體、簡 短,宜多用視覺提示



Results 4. Resource Development



➤ Guidelines, standards, tools for group training





第一冊 學習及自我管理



第二冊 基本溝通技巧



第三冊 交談技巧



第四冊 心智解讀





第五冊 社交思維



第六冊 友好行為



第七冊 朋輩相處



第八冊 情緒理解及調控



第九冊 處理分歧及協商



第十冊 自我倡導



第十一冊 朋輩共融



第十二冊 升中適應

Programme resources, exemplars for different skill domains

訓練計劃

第一個

本節目標

- 1. 贮觀察別人的表情、動作、副語言、從而推敲其情緒(基本情緒:快樂、憤怒、傷心、害怕)
- 2. 能理解情境, 促而推取别人的情绪(基本情绪:快樂、维怒、傷心、害怕)
- 3. 能明白需要同時觀察別人的表情、動作、副語言及理解情境,才能準確推敲其情緒



「情緒」是人們與生俱來的心理和生理狀態,也是一個顛胎象的概念。這正是有自閉症的學 生難於掌握之處。因此,在設計本課程的訓練內容時,我們的考慮重點包括:一。要切合有自閉 位的學生的學習特色,盡量把抽象的概念具體化,並且由達入深地安排教學內容;二、要針對他

依据以上的方向。我們把情緒理解及情緒調拉兩個重要部分訂定為三大訓練範疇。如 圖1.5所示。現闡或當中的訓練目標和原則:



次範疇三

運用「不同的

策略調控情緒





第一層支援策略建議

- 在課堂中,當有自閉症的學生因錯誤理解或沒留意別 時(如:沒注意別人已表現不悦,繼續發表個人的意見 以慢慢引導他們尋找所學的四種線索,包括情境、表情 學的情緒,並一起商討合適的反應
- 朋輩在推敲別人的情緒時,需要綜合情境、表情、動作
- 言行,令大家保持融洽的關係,使合作更順利,任務更性 的結果評分外,也可根據組員間有否照顧彼此的情緒,可 有自閉症的學生能有機會應用所學
- 學校可以透過舉辦共融活動,讓朋輩學習如何運用□ 緒。提示的語句,如:「你望吓XX的表情」、「你望吓

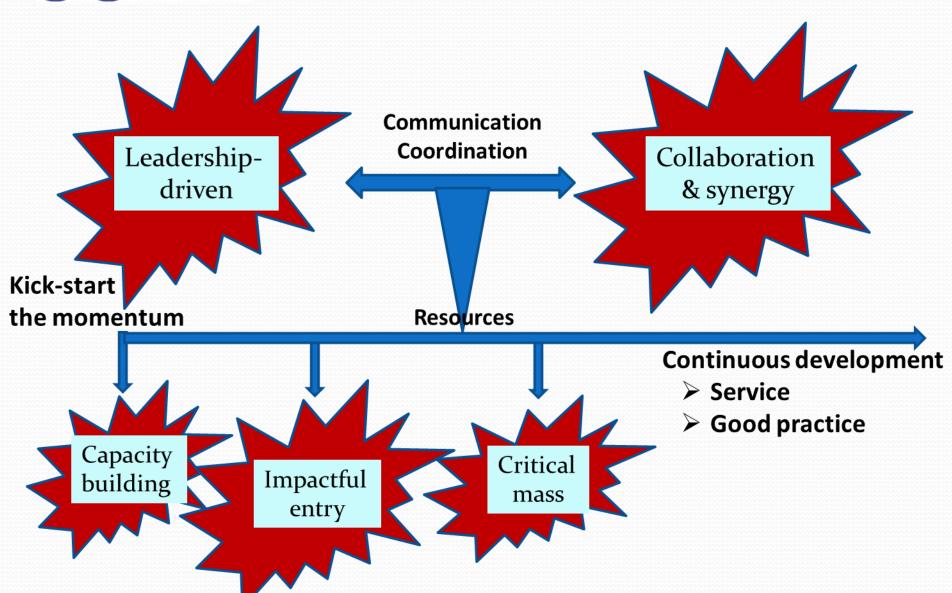
第三層支援策略建議

學校協作人員可以運用小組曾使用的活動和教材,與有

強小組訓練中教授的技巧



Summary: Factors for Success



Other Findings

1. Individual variability:

Other co-occurring SEN conditions

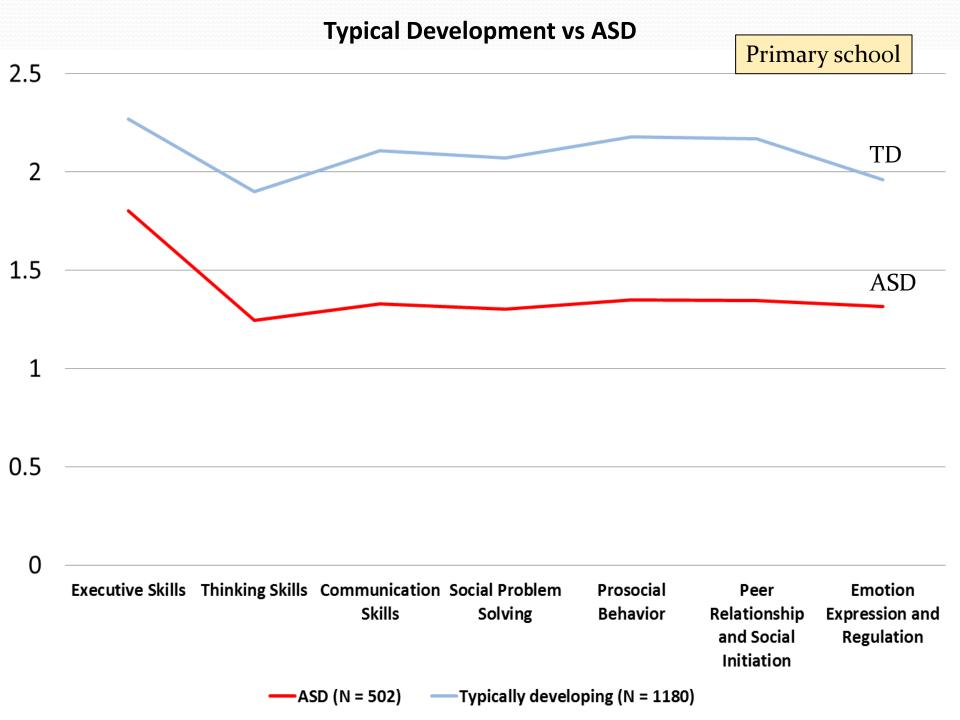
2. From group training to school adjustment:

It takes more than skills training

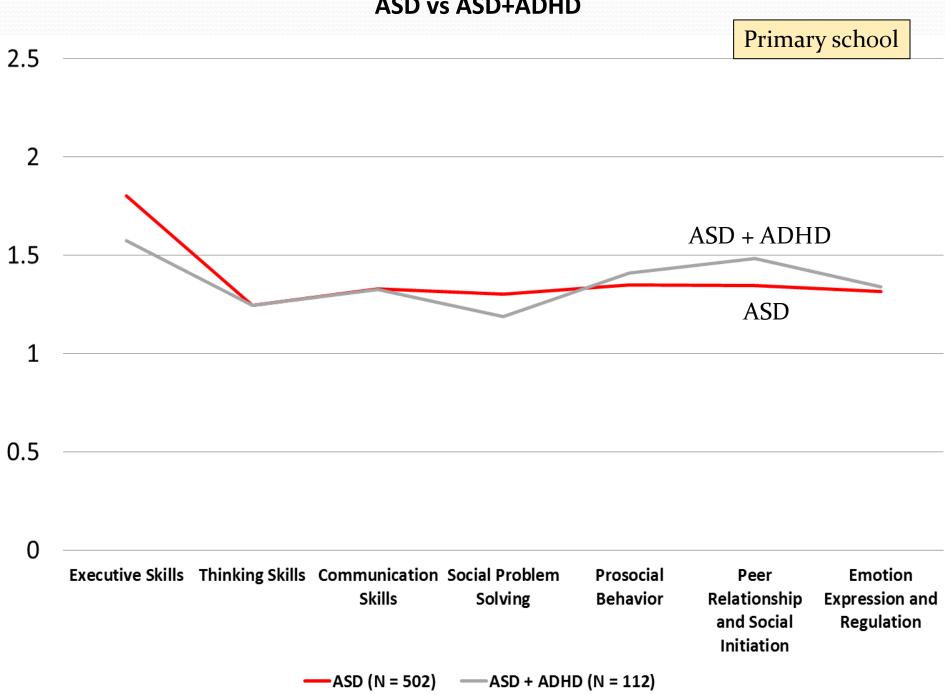
Co-occurring SEN Conditions

Number of	Primary School		Secondary School		
Co-occurring Conditions	N = 3217		N = 934		
0	652	20%	209	22%	
1	1845	57%	481	51%	
2	617	19%	194	6%	
3 or above	103	3%	50	5%	

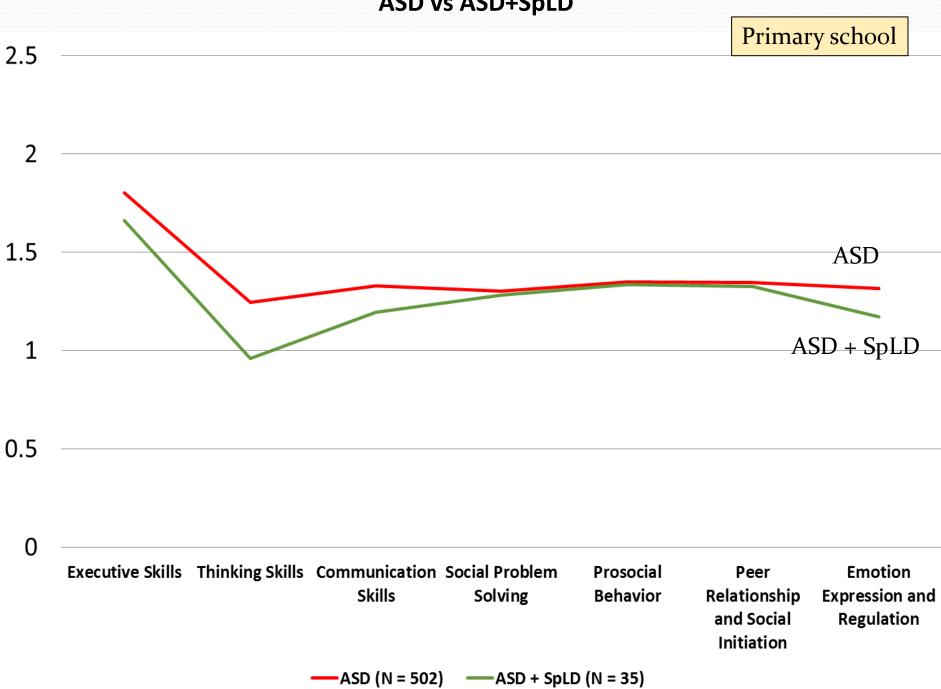
Type of	Primary School		Secondary School	
Co-occurring Conditions	N = 3217		N = 934	
Specific Language Impairment (SLI)	2317	72.0%	555	59.4%
Attention Deficit Hyperactivity Disorder (ADHD)	579	18.0%	241	25.8%
Specific Learning Difficulty (SpLD)	265	8.2%	149	16.0%
Intellectual Disability (ID)	184	5.7%	45	4.8%



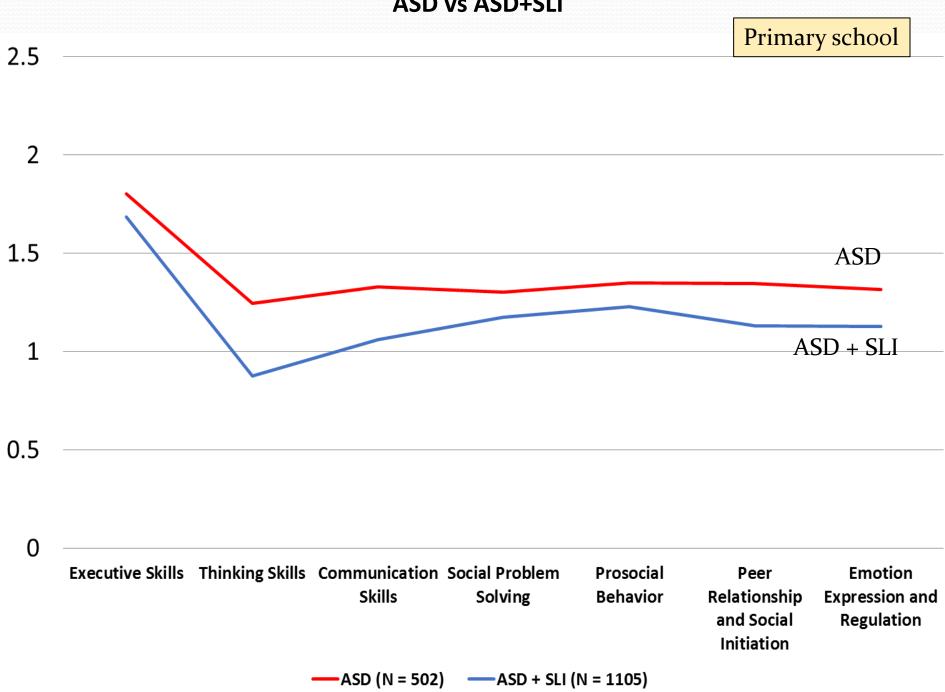
ASD vs ASD+ADHD



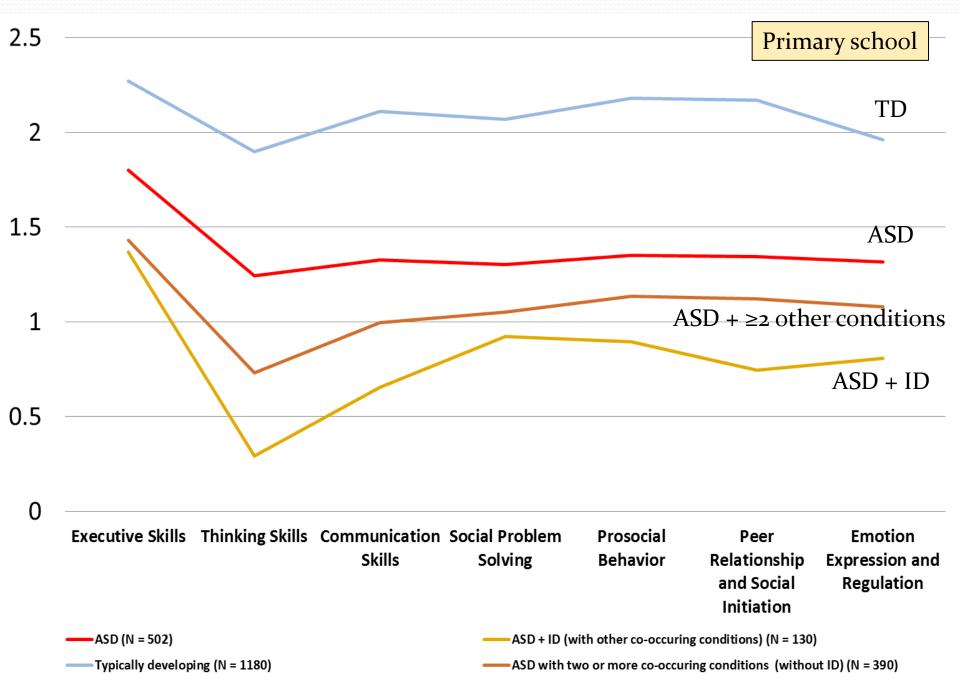


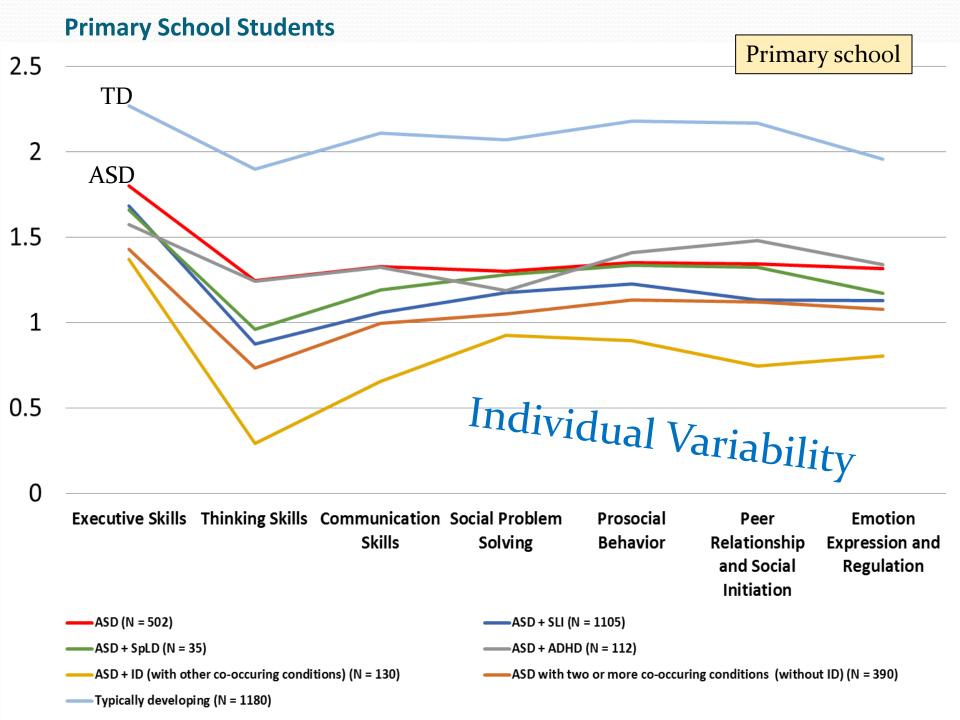


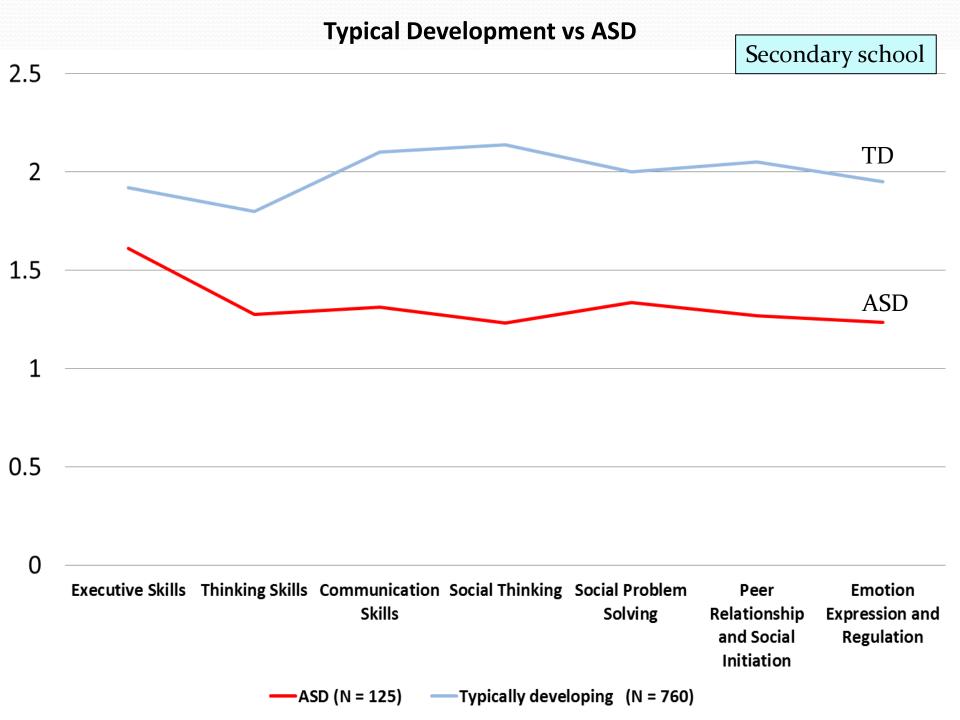


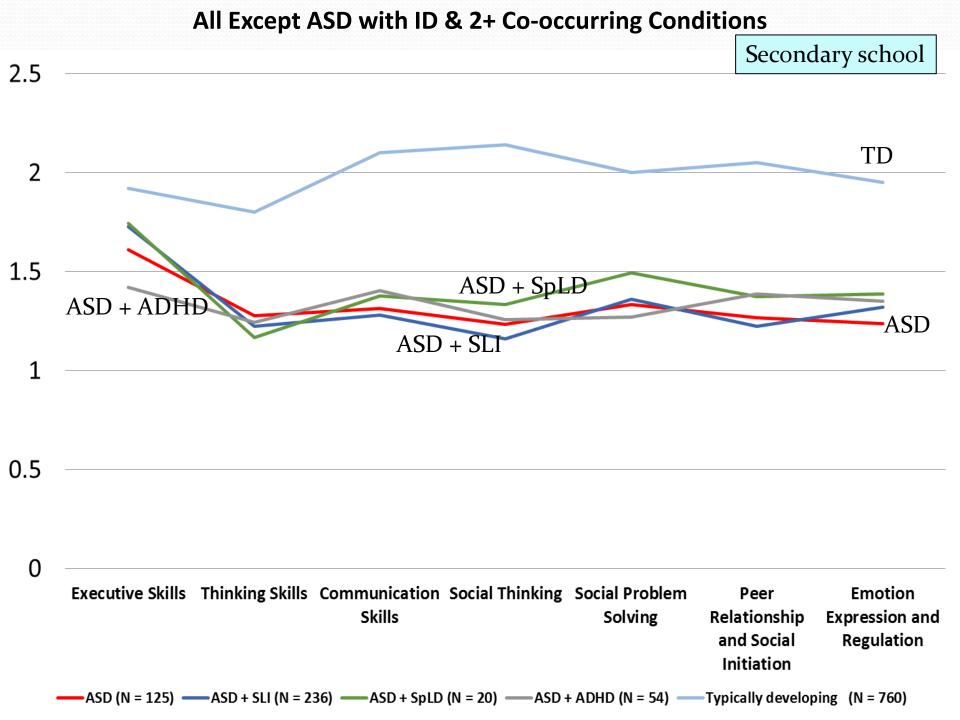


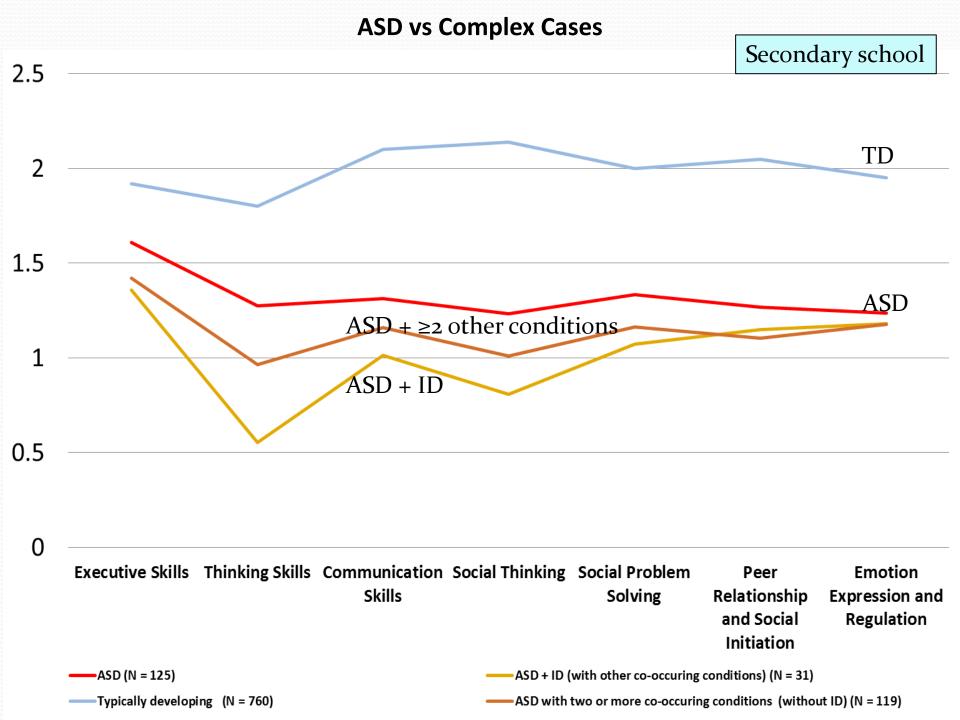
ASD vs Complex Cases

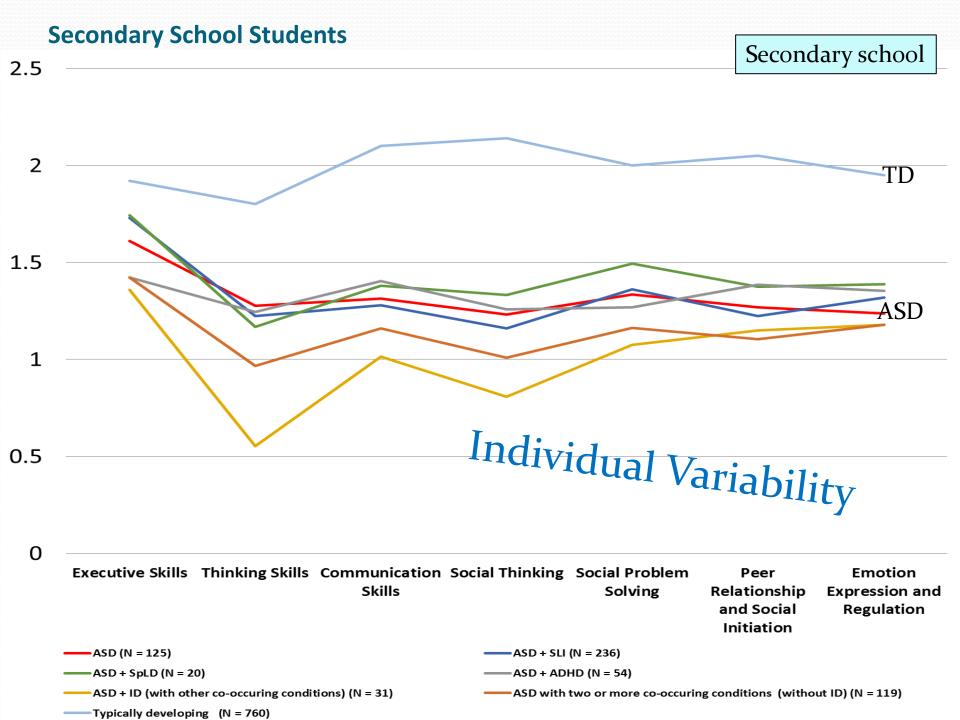






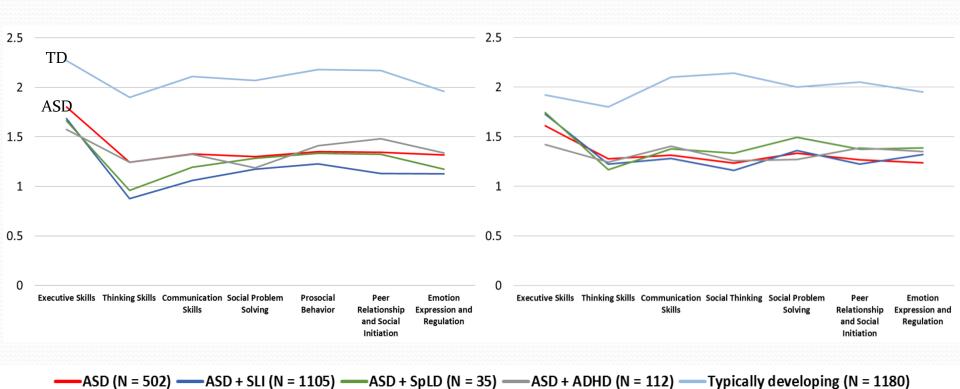


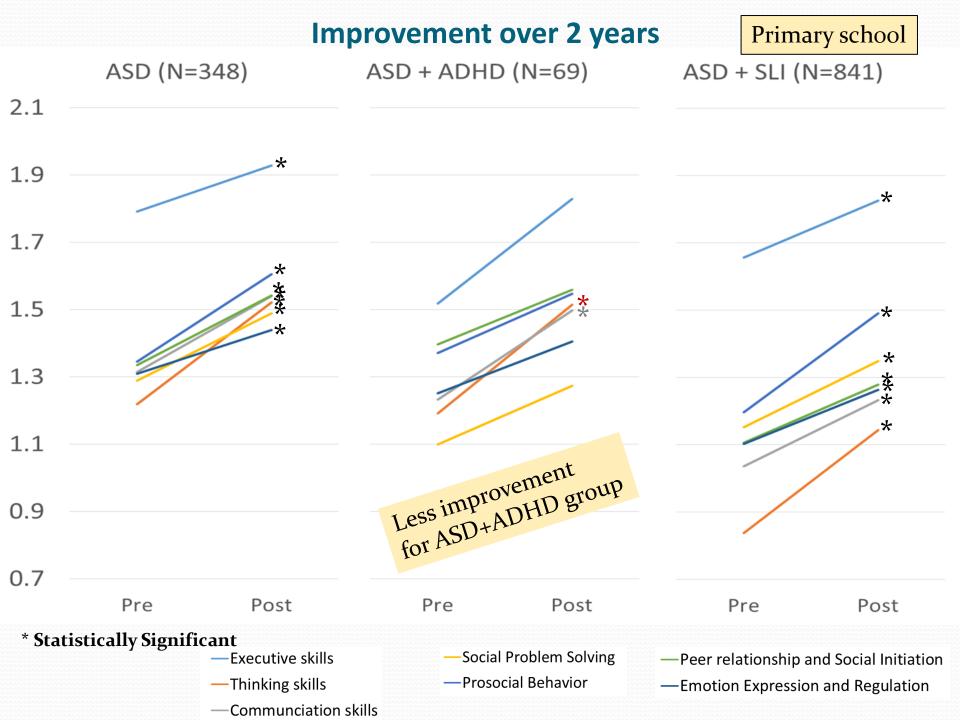


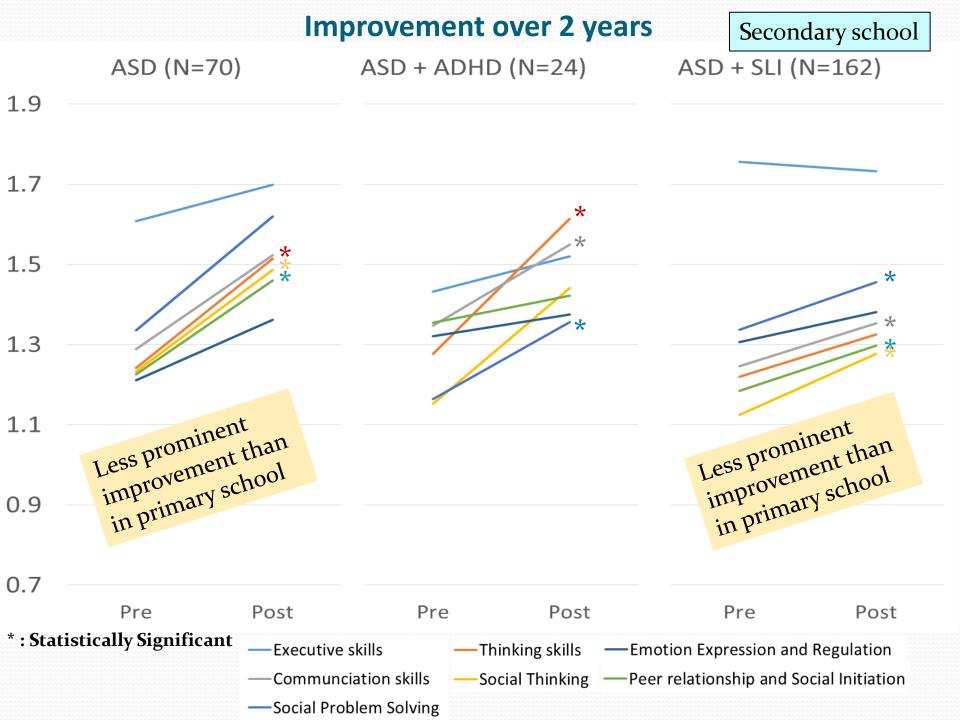


Primary School Students

Secondary School Students



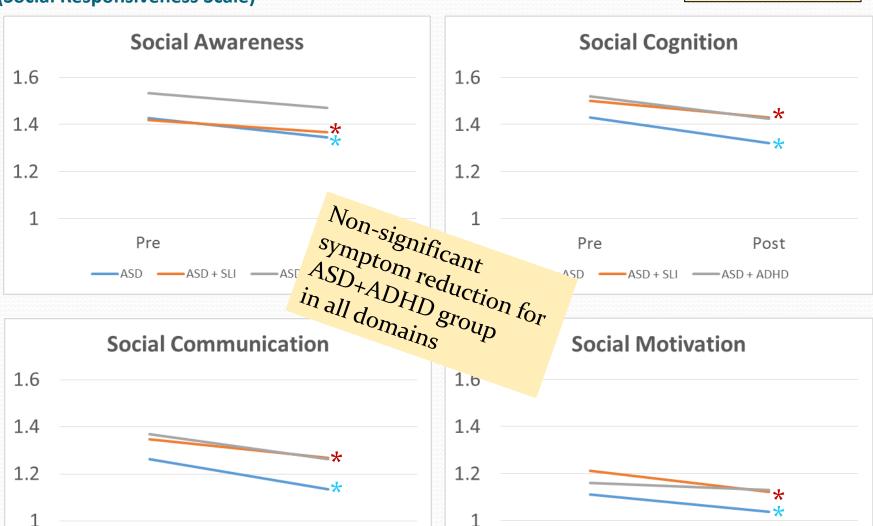




Reduced ASD Symptoms over 2 years

(Social Responsiveness Scale)

Primary school



Pre

ASD -ASD + SLI -ASD + ADHD

Post

—ASD (N=298) —ASD + SLI (N=737) —ASD + ADHD (N=64)

Pre

ASD — ASD + SLI — ASD + ADHD

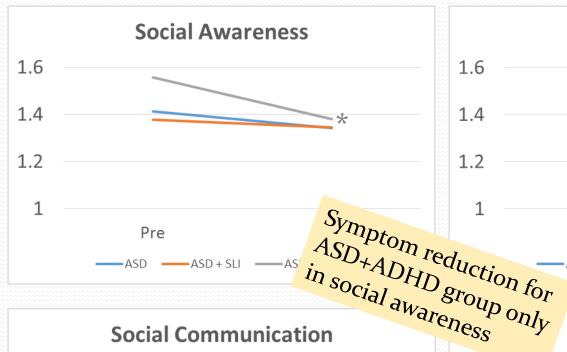
Post

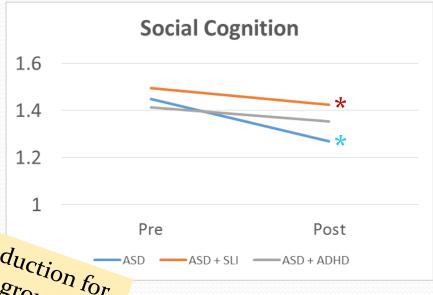
^{*} Statistically Significant

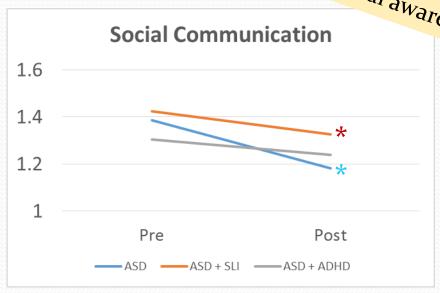
Reduced ASD Symptoms over 2 years

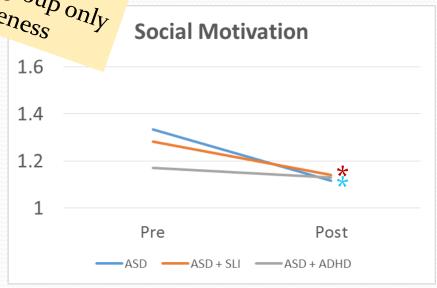
(Social Responsiveness Scale)

Secondary school









—ASD (N=58) —ASD + SLI (N=128) —ASD + ADHD (N=22)

^{*} Statistically Significant

From group training to school adjustment

Target skill in training (216 primary school groups)		Performance in group training context	Performance in everyday context
理解別人的觀點、感受或意圖		**	**
按別人的反應調整自己的行為	Perspective taking	**	*
調控自己的行為及注意自己的儀容,使別人留下好印象		**	**
運用恰當的非語言訊息		**	
對話時,能自然地轉換話題	Communication skills	**	*
留心聆聽		**	
按別人的反應來調整對話內容及方法		**	**
運用恰當的策略去 <u>調控</u> 焦慮或失落的情緒		**	*
以表情、動作及語氣來表達情緒	Emotional regulation	**	
當出現負面的情緒時,會恰當地尋求別人的關注、安慰或幫助		**	**

Significant difference in pre- and post-programme performance: **p < .01, *p < .05

From group training to school adjustment

Target skill in training (216 primary school groups)	Performance in group training context	Performance in everyday context
理解別人的觀點、感受或意圖	**	**
按別人的反應 <u>調整</u> 自己的行為 Perspective taking	**	*
調控自己的行為及注意自己的儀容,使別人留下好印象	**	**
運用恰當的非語言訊息	Acquisition of skills	.0
對話時,能自然地 <u>轉換</u> 話題 Communication skills	of Sie	Effective use In daily situations
留心聆聽	**	End dans
按別人的反應來調整對話內容及方法	**	SIL
運用恰當的策略去 <u>調控</u> 焦慮或失落的情緒	**	*
以表情、動作及語氣來表達情緒 Emotional regulation	**	
當出現負面的情緒時,會恰當地尋求別人的關注、安慰或幫助	**	**

Significant difference in pre- and post-programme performance: **p < .01, *p < .05

From group training to school adjustment:

It takes more than the training of well-defined skills!

★ Other factors affecting students' performance in daily contexts

Skill mastery: from acquisition to fluency, from one context to another

The importance of



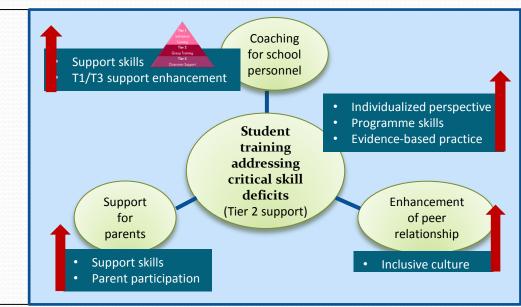
- Supported practice (feedback, reminding, reinforcement)
 - Self-management (self-awareness, self-regulation, self-improvement)
 - Inclusive and friendly environment (physical and social)

Examples:

- learning about emotional regulation strategies vs. practicing emotional regulation in face of bullying
- learning about how to make friends vs. being successful in making friends
- Learning about how to pay attention in class vs. being able to pay attention in a classroom with flickering lights (due to sensory issue)

The Way Ahead

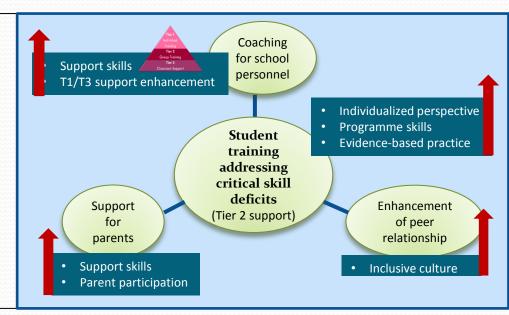
- 1. Enhancing good practice in student training
- Evidence-based practice
- Addressing individual variability (other co-occurring conditions)
- Especially during secondary school years



The Way Ahead

Everyone has a role to play!

- 1. Enhancing good practice in student training
- Evidence-based practice
- Addressing individual variability (other co-occurring conditions)
- Especially during secondary school years



It takes more than skills training!

- 2. Enhancing partnership
- Coordination/teamwork (SENCO)
- Stable communication partners for parents
- Home-school cooperation
- Whole-school approach

- 3. Enhancing inclusive values and practices
- Acceptance of individual difference

INCLUSIVE CULTURE

Helping each other





Main References

- Kucharczyk, S., Shaw, E., Smith Myles, B., Sullivan, L., Szidon, K., & Tuchman-Ginsberg, L. (2012). Guidance & coaching on evidence-based practices for learners with autism spectrum disorders. Chapel Hill, NC: National Professional Development Center on Autism Spectrum Disorder, Frank Porter Graham Child Development Institute, The University of North Carolina.
- National Professional Development Center on Autism Spectrum Disorder (2010). Evidence-Based Practice Brief: Social Skills Groups.
- Wong, C., Odom, S. L., Hume, K., Cox, A. W., Fettig, A., Kucharczyk, S., et al. (2014). Evidence-based practices for children, youth, and young adults with autism spectrum disorder. Chapel Hill: The University of North Carolina, Frank Porter Graham Child Development Institute, Autism Evidence-Based Practice Review Group.
- 教育局教育心理服務(新界西)組(2018):《全校參與分層支援有自 閉症的學生學校支援模式運作手冊》。香港:特別行政區政府教育局。