Annex A: Summary of findings

Intervention	Improve attainment and academic performance	Improve social skills and communication	Improve behaviour	Improve wellbeing	Employment skills	High	Low	Mainstream schools	Special schools	Home	Community setting	Workplace	Other	Social interaction and communication	Improve academic skills	Employment skills	Improve behaviour	Daily living skills and wellbeing	United States	United Kingdom	Other	Study participant ages (years)	Teachers	Peers	Researchers	Paraprofessionals	Parents	Other	Currently available in the UK (Yes/No)
Peer-mediated instruction and intervention		✓	✓	✓		7	3	✓	✓	✓	✓	✓		■	□	□			✓	✓	✓	2-19	✓	✓	✓	✓		✓	Yes
Comprehensive interventions	✓	✓	✓	✓		5		✓	✓	✓	✓			■	■			■	✓	✓	✓	0-11	✓			✓	✓	✓	Yes
Social Skills Training		✓		✓		4		✓	✓			✓		■					✓			2-21	✓	✓	✓	✓			?
Self-management	✓		✓			4	3	✓	✓	✓	✓	✓	✓	■	■	■			✓		✓	3-27	✓		✓				?
Technology-aided instruction and intervention	✓	✓	✓		✓	3	6	✓	✓					■	■	■			✓			3-22	✓		✓				?
Discrete Trial Teaching	✓	✓				3	1	✓	✓	✓					■				✓	✓		4-21	✓		✓		✓		Yes
Modelling	✓	✓				3		✓	✓			✓		□	□						✓	2-22	✓		✓				?
Visual supports	✓					2	2	✓	✓			✓			■	■			×	×	×	3-22	✓						?
Behavioural interventions		✓	✓			2	1							■			■		✓		✓	2-27	✓		✓		✓		?
Direct Instruction	✓					2		✓	✓			✓			■	■			×	×	×	10-22	✓		✓				?
Prompting	✓	✓				2		✓						■	■						✓	2-10	✓		✓				?
Social Narratives		✓	✓	✓		2	2	✓	✓	✓			✓	■			■		✓	✓		3-15	✓		✓				Yes
Structured play groups		✓				2	1	✓	✓				✓	■					✓	✓		3-13	✓	✓	✓	✓			Yes
Video modelling	✓	✓	✓			2	3	✓	✓		✓		✓	□					✓			4-22	✓						?
Joint attention		✓				1			✓					■					✓		✓	3-5	✓						?

Effectiveness key: ■ - full evidence; □ - mixed evidence; ⊠ - Evidence of ineffectiveness

Intervention	Outcomes focus					Strength of evidence (number of studies)		Setting for the study						Effectiveness (■ - full evidence, □ - mixed evidence, ⊠ - Evidence of ineffectiveness)					Country (source of evidence)			Study participant ages (years)	Implementers within the study						Currently available in the UK (Yes/No)
	Improve attainment and academic performance	Improve social skills and communication	Improve behaviour	Improve wellbeing	Employment skills	High	Low	Mainstream schools	Special schools	Home	Community setting	Workplace	Other	Social interaction and communication	Improve academic skills	Employment skills	Improve behaviour	Daily living skills and wellbeing	United States	United Kingdom	Other		Teachers	Peers	Researchers	Paraprofessionals	Parents	Other	
Multi-sensory interventions	✔					1			✔						■				✔			7-14	✔						?
Picture Exchange Communication System		✔	✔			1	1		✔					■					✔	✔	✔	3-10	✔	✔			✔		Yes
Pivotal response training		✔				1	1	✔	✔	✔	✔			■					×	×	×	3-10	✔		✔				?
Reinforcement		✔	✔			1	1	✔						■			■		×	×	×	2-10	✔	✔	✔				?
Milieu teaching		✔				1				✔				⊠					✔			5-8	×	×	×	×	×	×	?
Cognitive Behavioural Intervention				✔		1		✔										■		✔		5-11			✔				Yes
Exercise	✔		✔	✔		1		✔*	✔*				✔				■		✔		✔	5-11			✔				?
Task analysis					✔		1	✔*	✔*							■			✔			14-15	×	×	×	×	×	×	?
Peer-mediated pivotal response treatment		✔					1	✔*	✔*					■					✔			5-12	×	×	×	×	×	×	?
Parent-implemented intervention behaviours.		✔					1						✔	⊠					✔			2-5					✔		?
Incidental teaching and modified incidental teaching		✔					1			✔				⊠					✔			6-9					✔		?
High-p procedure[1]			✔				1	✔*	✔*								■		✔			13	✔						?

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[1] High-p procedure and peer mediated pivotal response treatment are not included in Table 4-1 because there is insufficient evidence of effectiveness for these interventions.

Intervention	Outcomes focus					Strength of evidence (number of studies)		Setting for the study						Effectiveness (■ - full evidence; ☐ - mixed evidence; ⊠ - Evidence of ineffectiveness)					Country (source of evidence)			Study participant ages (years)	Implementers within the study						Currently available in the UK (Yes/No)
	Improve attainment and academic performance	Improve social skills and communication	Improve behaviour	Improve wellbeing	Employment skills	High	Low	Mainstream schools	Special schools	Home	Community setting	Workplace	Other	Social interaction and communication	Improve academic skills	Employment skills	Improve behaviour	Daily living skills and wellbeing	United States	United Kingdom	Other		Teachers	Peers	Researchers	Paraprofessionals	Parents	Other	
Language Training		✓					1			✓			✓	⊠					×	×	×	4-5			✓		✓		?
Differential reinforcement of alternative, incompatible, or other behaviour	✓		✓		✓		2	✓							☐		☐	☐	×	×	×	3-21	✓						?
Antecedent-based intervention	✓	✓	✓				2	✓						■	■		■		×	×	×	2-21	✓	✓	✓				?
Naturalistic intervention		✓						✓*	✓*	✓			✓	⊠					×	×	×	2-21	✓	✓	✓				?

Notes:

* Study does not specify whether mainstream or special school setting

× Study does not specify this information