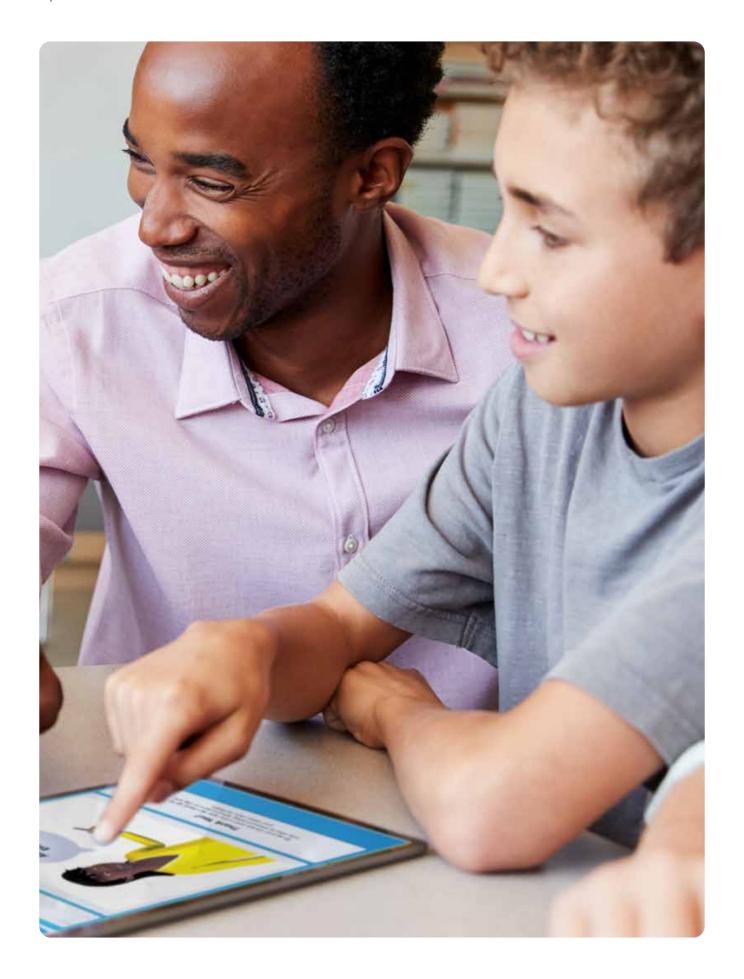


# IMPLEMENTATION



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# **SECRET AGENT SOCIETY (SAS)**

Secret Agent Society (SAS) is your all-in-one toolkit for providing innovative, effective, and engaging group services. SAS Providers have been offering this evidence-based approach for over 12 years to diversify children's social and emotional skills.

The focus of this guide is the SAS Small Group Program, however the evidence-based framework (see Appendix A) is available for services to use with two different variants:

SAS Small Group Program – The professional delivery team complete the SAS Facilitator Training Course and services subscribe as an SAS Provider to begin using this specialised, award-winning program. SAS Small Group Program aims to empower children aged 8 to 12 with identified social and emotional goals, and includes children diagnosed with autism, attention deficit hyperactivity disorder (ADHD), and anxiety disorders.

SAS Stand-Alone Resources - Purchase standalone SAS resources at any time to use flexibly with teaching specific skills or supplement your current social skills groups, teaching or counselling, with no professional SAS training required the SAS Stand-Alone resources can supplement mainstream classroom approaches for whole-of-class activities to teach general resilience and social skills.

Combine this mainstream classroom approach with the SAS Small Group Program, for children with identified social and emotional challenges, to create shared social resilience language and skills across all students providing an ideal inclusive education model.

# **SAS Small Group Program**

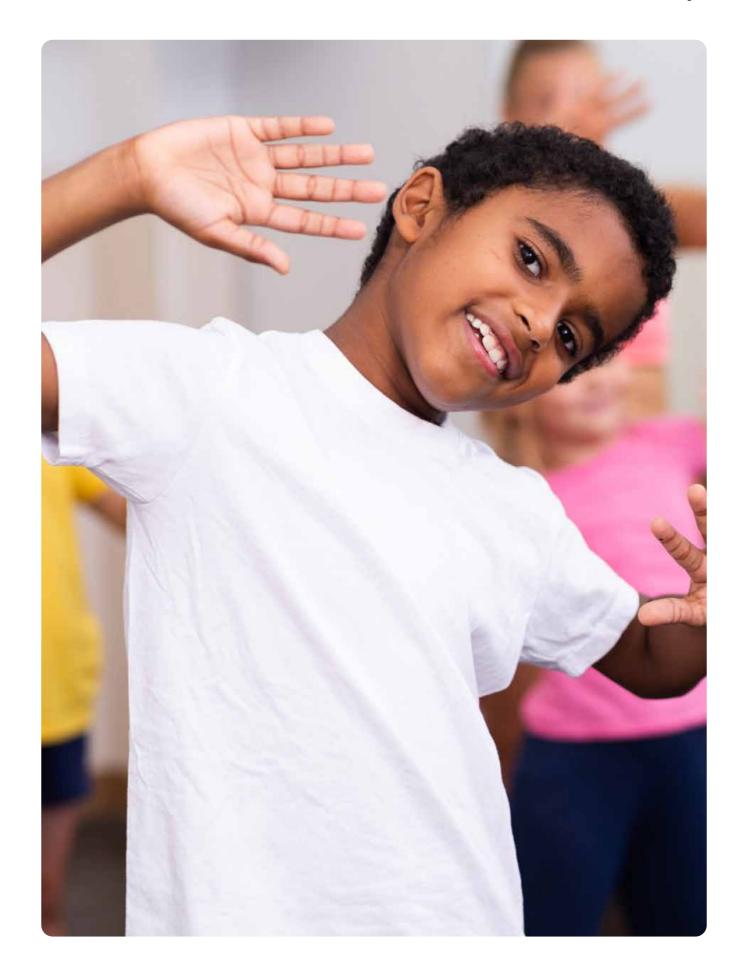
The SAS Small Group Program consists of small group child sessions for 'cadets' (club meetings), parent group meetings, teacher information sessions and Teacher Tip Sheets, paired with real-life practice missions and a system to monitor and reward skill development at home and at school. Combining family and facilitator resources, the content and program structure is accessed through an intuitive and engaging online platform that streamlines program delivery and participation for all child and adult users in face-to-face or telehealth sessions and between session activities.

The evidence-based curriculum captivates children with its espionage-themed games and activities including: multi-level gamified learning through the SAS Digital Headquarters (SAS Digital HQ); a virtual Helpful Thought Zapper; role-playing through the digital SAS Challenger Board Game; finding smart solutions with the D.E.C.O.D.E.R problem solving formula; and deciphering emotions through Secret Message Transmission Device Game.

SAS Provider Badges











The program was originally developed for children aged 8-12 years with Autism by its author Clinical Psychologist, Dr Renae Beaumont, through the University of Queensland who is now based at Weill Cornell Medicine, New York Presbyterian Hospital. The SAS framework combines theories of cognitive function, learning style, therapeutic approach, behaviour change, and respects neurodiversity.

However, current research and clinical/educational use supports its effectiveness with children who have other social and emotional goals, including ADHD, anxiety disorders, and other diagnoses or social difficulties without formal diagnosis. The program teaches children how to:

- Recognise emotions in themselves and others;
- Express their feelings in respectful and helpful ways;
- · Cope with feelings of anger and anxiety;
- Communicate and play with others;
- · Cope with mistakes, transitions and challenges;
- · Build and maintain friendships;
- Solve social problems;
- Prevent and manage bullying and teasing and
- · Acknowledge their personal strengths.

Allied health, education and disability professionals typically deliver the SAS Small Group Program.

Professionals learn to deliver the program aligned with evidence-based and clinical best practice in a flexible fourteen (14) hour SAS Facilitator Training Course.

Since its inception, thousands of SAS Cadets have graduated as SAS Junior Detectives with the program receiving numerous awards.



# **Cognitive Profile** Learning Style Executive Functioning Visual, Verbal, Kinesthetic 🕗 Perspective Taking Logical, Sequential ② Central Coherence Self-guided, Collaborative ② THEORETICAL FRAMEWORK Behaviour Change Therapeutic Approach Self-Determination Cognitive Behaviour Therapy 📀 Goal Setting Acceptance & Commitment 🕢 Behaviour Analysis Therapy

# **Our Awards**



### Finalist

2010 - Annual Australian Interactive Media Industry Association (AIMIA) Educational Game of the Year Award.



### Winner

**2018 –** CRC Association Award for Excellence in Innovation for its positive impact SAS has on children's lives across the world



### Winner

2014 – Autism Spectrum Australia

National Recognition Award for the
advancement to acknowledge the
significant, positive impact the program
has on children's and families' lives.



### Winner

2021 - The Society of Clinical Child and Adolescent Psychology, a division of the American Psychological Association, awarded SAS author, Dr Renae Beaumont, for her career promoting evidence-based mental health.



### Winner

**2014 –** United States' Learning Magazine Teacher's Choice Award for the Family.



### Winne

2021 – Australian Psychology Society's inaugural Entrepreneur of the Year Award to Kathleen Davey for the rapid transformation of the Secret Agent Society (SAS) Small Group Program into a digital health system.





# **SAS Small Group Program**

SAS Small Group is a multi-component program that brings children, their caregivers and school together in a collective approach.. The program includes:

# Parent Group Sessions:

Commence with a 2-hour parent information session, followed by 11-22 group meetings of 30-45 minutes, or 4 x 2-hour sessions, over the course of the program.

- Parent group meetings are held throughout the program to advise and support parents on the content of child group meetings and how to help their children apply their SAS skills in real life.
- It is optimal if parents have the opportunity for networking and facilitated discussion and Parent meetings are typically held after each child meeting and without children present.
- If the program is being co-facilitated, one SAS
   Facilitator can deliver the Parent Meetings while
   the other helps children to use their social emotional skills during informal play activities.
- If a service has multiple SAS Facilitators they have the options for holding the parent meetings concurrent to the child group meetings.
- If the program is being delivered by a sole facilitator, children may be supervised by an appropriate adult during the parent sessions.
   Alternatively, the parent meeting content can be delivered at a different time/day.

# Child Group Meetings:

Delivered as 11-22 sessions of either 45 or 90 minutes, which includes 2-4 booster sessions.

- The first 9-18 sessions are typically delivered weekly with the following 2-4 boosters sessions spread over a six month period.
- Ideally the program is co-facilitated by two SAS
   Facilitators with a group of four to six children
   (maximum of three children with one SAS
   Facilitator). If this is not possible, a single SAS
   Facilitator may deliver the program with three to four children.

# School Support:

Classroom teachers are updated on the content children are learning through SAS and how they can support the application of skills in the classroom and playground. This occurs through a combination of providing a series of SAS Teacher Tip Sheets, the Skill Tracker, teacher consultation, school visits, and an optional school staff presentation.

- SAS is often written into children's individual learning plans to assist teachers to meet the social-emotional goals of their students.
- The SAS Small Group Program is mapped to the Australian National Curriculum for schools.
- Missions and Mission Journal: Between child group meetings, children participate in weekly tasks, including playing 4 levels of online gamified learning, skills practice activities in day-to-day life and completion of a reflection journal.



# Missions and Mission Journal:

Between child group meetings, children participate in weekly tasks, including playing 4 levels of online gamified learning, skills practice activities in day-to-day life and completion of a reflection journal.



# Skill Tracker System:

A short-term daily motivation tool is used to encourage children to practice specific skills at home and school, aligned with progression through each module of the program.



# **Assessment Measures:**

A combination of questionnaire booklets, an observational assessment tool, computer game performance and Skill Tracker progress, provide valuable information to guide areas of focus for each individual child as well as providing easy and comprehensive outcome reporting.



# SAS Digital Headquarters:

The online gateway for children to access their club meeting activities, four levels of gamified learning, digital gadget pack, a Mission Journal for self-reflection on real life practice tasks, a multi-user Skill Tracker system, and other tools.



View our website at secretagentsociety.com for more information





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# **SAS Small Group Program Structure**

This diagram provides an overview of the structure and timeline of SAS Small Group Program.



# **SAS Group Session Content**

Over the course of the SAS Small Group program, children and parents learn a range of skills through various 'Secret Agent' activities. A brief summary of the content of the SAS Small Group program is shown below.

Meetings	Content
Club Meeting 1a+b	Identifying goals and values (Bionic Powers); detecting emotions in others from face, body and voice clues.
Club Meeting 2a+b	Detecting emotions in yourself from body clues; the 'Emotionometer' (emotion thermometer); Relaxation 'gadgets': Slow breathing (the O2 Regulator).
Club Meeting 3a+b:	Relaxation 'gadgets': Doing a physical activity (the Fire Engine), thinking in helpful ways (the Helpful Thought Zapper), noticing and letting thoughts go (Thought Tracker.)
Club Meeting 4a+b:	Relaxation 'gadgets': focusing your senses (the Enviro-Body Scan); 'Friendship Formula' of good friends; 'Friend Profiling'; 'Friendometer' measuring levels of friendship.
Club Meeting 5a+b	D.E.C.O.D.E.R problem-solving formula; conversation skills.
Club Meeting 6a+b:	Conversation skills; playing with others.
Club Meeting 7a+b:	Coping with mistakes and losing; Play SAS Challenger Board Game to practice skills; detecting the difference between accidents, jokes and nasty deeds.
Club Meeting 8a+b:	Understanding and managing bullying (Bully-Guard Body Armor); continue playing SAS Challenger Board Game.
Club Meeting 9a+b:	Coping with confusion; aim to finish SAS Board Game, review game; solving future social problems.
Follow-up Meeting 1a+b:	Progress update review activities; self-esteem activity; solving future social problems.
Follow-up Meeting 2a+b:	Progress update; SAS Stars activity; solving future social problems; graduation ceremony.
	hildren complete follow-up assessment measures and children are awarded certificates and digital medals to celebrate their achievements

graduation certificates and digital medals to celebrate their achievements





# **SAS Program Software**

The SAS Small Group Program is delivered and coordinated through an online platform that provides individualised access to children, parents, teachers, and SAS Facilitators. All participants and facilitators will need access to a compatible computer or device at certain times, with some components requiring the user to be online and others accessible offline. A comprehensive SAS Software Navigation Module and ongoing access to the SAS Facilitator Training course is available for trained SAS Facilitators to access through their SAS Facilitator Dashboard.

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# SAS Facilitator Dashboard

SAS Facilitators initially commence their SAS journey by completing the SAS Facilitator Training Course, accessing their SAS Facilitator instructions via the SAS Facilitator Dashboard. Once linked with a subscribed SAS Provider service, the Facilitator Dashboard opens up functionality to:

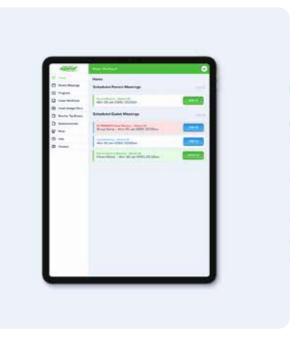
- establish groups and allocate mentors to each child;
- review materials and prepare session process in advance;
- facilitate live SAS Small Group meetings for children and parents;
- access just-in-time program instructions;
- monitor group progress between sessions;
- send automated links to the group's teachers and parents; and
- access additional program resources and ongoing review the SAS Facilitator Training Course materials.



# SAS Mentor Portal

Each child in the SAS Small Group Program will have assigned SAS Mentors (usually parents and teachers, and occasionally SAS Facilitators themselves). These mentors will be provided with a login to their SAS Mentor Portal. Depending on the type of mentor and desired program input, each adult may have access to different SAS components such as:

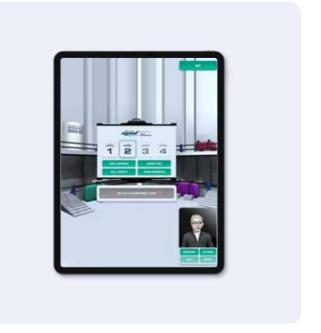
- · live Parent Group Meetings;
- Parent Meeting Notes;
- · Teacher Tip Sheets;
- · Cadet progress overview;
- Cadet Club Meeting Journal and Gadget Pack;
- · Questionnaire booklets, or
- · the child's Skill Tracker rewards system.



# SAS Digital Headquarters

SAS Digital Headquarters (Digital HQ) is specifically-designed for children to access the program components. When first entering SAS Digital HQ, children are introduced to the secret agent theme and enter the 'control room' where they are prompted to start the gamified learning. Week-by-week they access their live SAS Cadet Club Meetings together with their SAS Facilitator and fellow club members. Between group meetings children log in to Digital HQ to:

- review the content from club meetings in their Club Journal;
- review and refer to their Gadget Pack items for everyday life prompts to use skills;
- play the four levels of learning games and quizzes;
- complete Mission Journal entries; and
- · log their skills practise in the Skill Tracker.







# **Organisational Planning**

It is recommended that organisations, decision makers and prospective facilitators of the SAS Small Group Program work collaboratively to explore their SAS options and progress using the following process:

- 1. Review this SAS Implementation Guide;
- 2. Explore SAS Provider package options;
- Collaboratively review the planning checklists that also form part of the SAS Facilitator Training Course application process (see Appendix C);
- Enrol individual team members in the SAS
   Facilitator Training Course utilising individual or pre-paid group purchase options;
- 5. Subscribe to an SAS Provider package and nominate an administrator;
- 6. Link your trained SAS Facilitator/s to your SAS Provider account; and
- 7. Start delivering SAS to children and families!

Prior to delivering SAS to children and families, SAS providers are encouraged to develop a service model that considers the following:

- Staff hour allocations for:
  - Program intake & assessment (pre & post)
  - Program coordination (pre, during and post-delivery)
  - Program delivery (see Appendix B)
- · Team supervision and reflective practise;
- · Subscription management;
- Coordinated allocation of available cadet places;
- Protocols for ordering of additional cadet places;
- · Identification and training of SAS Assistants;
- · Funding sources for families and or services;
- Referral pathways and promotional opportunities;
- · Cash flow requirements;

- Software and device access for team members and families; and
- · Group meeting space and equipment.

SAS Facilitators and organisations need to cater for the increased time that will initially be required for program planning, administration and session preparation. As SAS Facilitators gain experience, preparation time will reduce considerably. Initially, a newly trained SAS facilitator is likely to need 2 hours per 90 minute session for preparation and debrief with their co-facilitator.

If delivering the SAS Small Group Program in a face-to-face setting, a room with minimum 3.5m x 5.5m dimensions is recommended for child sessions and a separate area with seating for parents with consideration of access to a data projector (or equivalent).



# SAS PROVIDER OPTIONS

To offer the SAS Small Group Program in your clinic or school, select the SAS Provider package that suits your service size, link SAS Facilitators to your SAS Provider account, and start empowering resilience in children!

A variety of subscription-based SAS Provider packages are available for services of three different sizes, as well as a flexible/starter option. Provider packages are inclusive of a set number of Cadet Places and unlock pricing levels for the purchase of additional Cadet Places.

Options are also in place for Facilitators to support direct family payment for their child's Cadet Place to assist with specific funding or rebate requirements.

SAS Provider packages have been designed to support all types of organisations from sole traders to multi-site hospitals and everything in between. The Hub, Bureau and Network subscription packages are based on the number of children expected to participate in the program throughout the year, with the per-child cost decreasing the more Cadet Places are purchased upfront. The Flexi package is an annual SAS online platform access fee only with no included Cadet Places, allowing for full flexibility at a higher per-child cost. To explore pricing please review our SAS Provider Pricing..



# SAS Provider Subscriptions

The three SAS Provider subscriptions unlock annual access to the SAS Small Group online platform, allow unlimited SAS Facilitator links, have Cadet Places included each year, and require a one-off establishment fee at sign up.



- Best for SAS Providers wanting to deliver the equivalent of 1-2 SAS groups per year
- Includes 6 Cadet Places each year



- Best for SAS Providers wanting to deliver the equivalent of 4-8 SAS groups per year
- Includes 24 Cadet Places each year



- Best for SAS Providers wanting to deliver the equivalent of 16-33 SAS groups per year
- Includes 100 Cadet Places each year

# SAS Provider Flexi Option



As an alternative for very infrequent SAS provision or for those new to SAS and unsure of their community need, the Starter/Flexi option is provided. The Flexi SAS Provider option involves a fee to access the SAS Small Group software for 12 months and does not include any pre-purchased cadet places. To use the software to deliver the SAS Small Group content with individuals or groups, cadet places will need to be purchased.

Establishment fees for subscriptions (or the first year Starter/Flexi Access Fee) are waivered for our pre- 2021 SAS Provider services transitioning to the new digital edition of the SAS Small Group Program



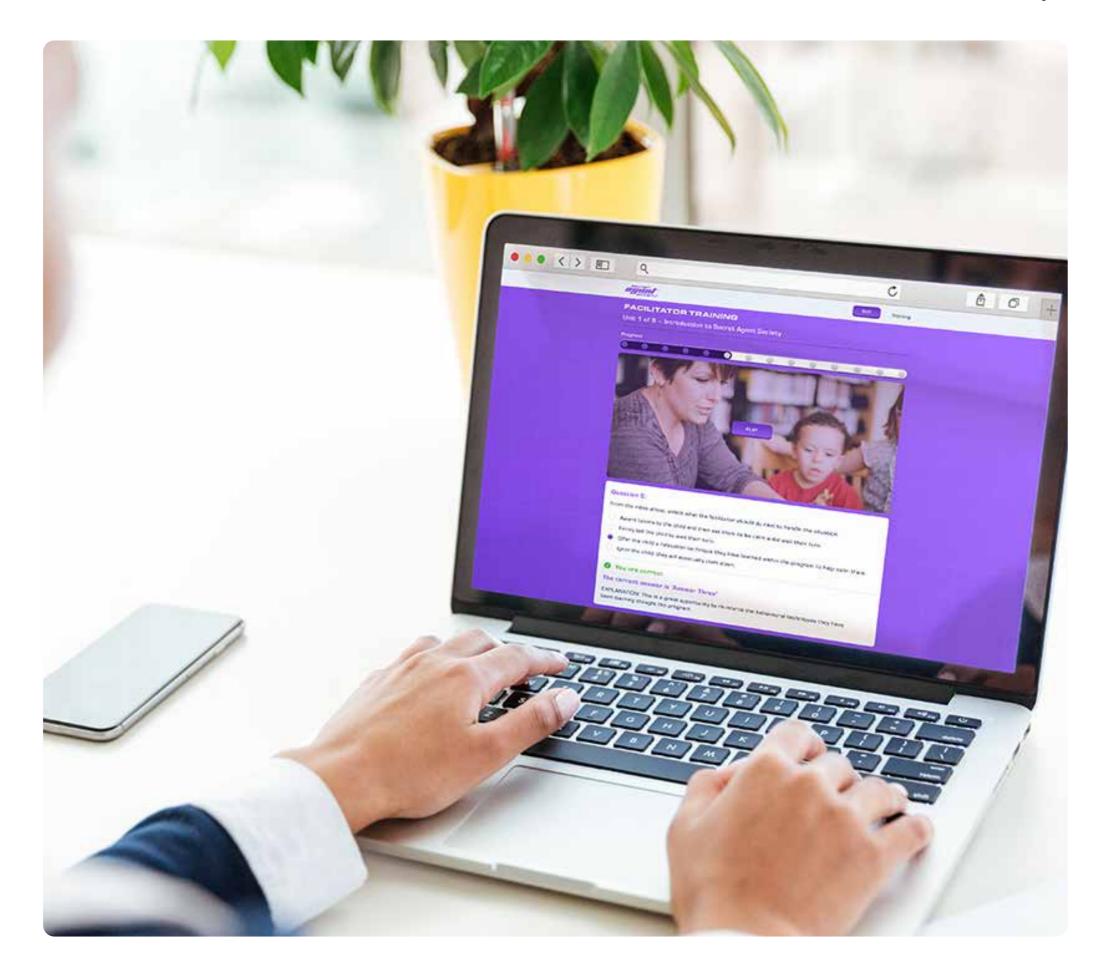
# TRAIN YOUR SAS TEAM

To provide the SAS Small Group Program at your clinic or school, you need to have trained SAS Facilitators linked to your subscribed SAS Provider account.

This allows you to have any number of SAS Facilitators working together under one SAS Provider account, or for SAS Facilitators to work across more than one SAS Provider. The model allows for flexibility for both service organisations and the individual professionals while also maximising predictable program fidelity for families' accessing services who are using the SAS software.

Each SAS Provider will need at least one trained SAS Facilitator to deliver the program to families. SAS Facilitators are the heart of SAS Small Group Program. In addition to SAS Facilitators, services may like to supplement their team with SAS Assistants who have completed a foundation short course for providing practical support to SAS Facilitators (and cadets) during sessions.

SAS providers with highly skilled or long term SAS Facilitators, may like to have particular team members demonstrate their skill in delivering the SAS small Group Program by applying to become a Senior SAS Facilitator which assist in SAS team support and supervision and unlocks further software capability.





# The SAS Facilitator

SAS Facilitators must firstly meet the base eligibility criteria to enrol in the SAS Facilitator Training Course.

Once qualified as an SAS Facilitator through completing the full training experience, SAS Facilitators then link to a subscribed SAS Provider account to access Cadet Places and start creating groups. SAS Facilitators run groups with a maximum ratio of 1:4 or connect with an SAS Facilitator colleague for groups of ratio 2:6.

# Eligibility

Eligibility requirements ensure that professionals benefit from the SAS Facilitator Training Course and have the capacity to successfully deliver the SAS Small Group program. To apply for training, professionals need:

- A minimum of a higher education level qualification in a helping or teaching profession (including, but not limited to, psychology, social work, psychiatry, counselling, occupational therapy, speech pathology, education); and
- A minimum of six months professional experience working with children with Autism and/or other social and emotional challenges.

# The Training

The self-paced online SAS Facilitator Training Course provides professionals with the knowledge and skills required to effectively deliver the SAS Small Group program. To offer the SAS Small Group program service, professionals must complete the SAS Facilitator Training Course. During the 14 hours of flexible training, professionals gain the knowledge and skills to:

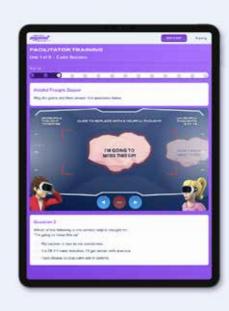
- Assess the social needs of children;
- Deliver a comprehensive program to children (that typically present with social and emotional goals) and their parents through the SAS online platform;
- Tailor the program content and teaching methods to meet individual child or parent needs;
- Promote the generalisation and maintenance of children's emotional regulation, problem solving and social skill application at home and at school;
- Manage common process issues that arise when facilitating group programs for children with social and emotional needs and their parents;
- Evaluate the effectiveness of the program for diversifying child's social and emotional skills;
- Identify indicators that a child and/or family require additional support.

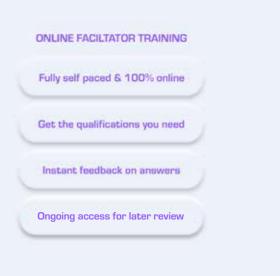
The course unlocks progressive assessment which is designed to assist all trainees to achieve successful completion.

The use of an online and self-paced training method allows professionals to flexibly learn about SAS via online units in their own time, to suit individual schedules and learning speeds. Coordination tips are provided for professionals wishing to complete the training together with a colleague, or for services wishing to provide a collaborative whole team training process (see Appendix D). Other important training details include:

- Professionals are required to complete 100% of the course to fulfil training requirements and be qualified as an SAS Facilitator;
- The course is the equivalent of fourteen (14) hours
   of professional development, however, due to
   the flexible self-paced format professionals can
   complete the course at their own pace, taking up to
   three (3) months if required;
- Once enrolled, the link to commence training will be valid for six (6) months;
- The self-paced online training units are designed to be intuitive and support online self-guided training;

- Services can choose to coordinate training dates to allow teams to collaboratively undertake training together (i.e. Two days or 4 x 4hr units);
- Professionals will require stable internet access and a compatible device with a recently updated browser;
- Once professionals commence training, they will have three (3) months to complete the course. If you don't complete within this time professionals will need to apply and pay again;
- All facilitator training materials are accessed via the SAS online platform through the Facilitator Dashboard;
- All program materials for running the SAS Small
   Group Program are accessed within the SAS online
   platform through linking with a subscribed SAS
   Provider account, to access Cadet Places and
   create groups; and
- Follow-up consultation is available from SST representatives to support SAS Facilitators if desired after training is complete.









# The SAS Assistant

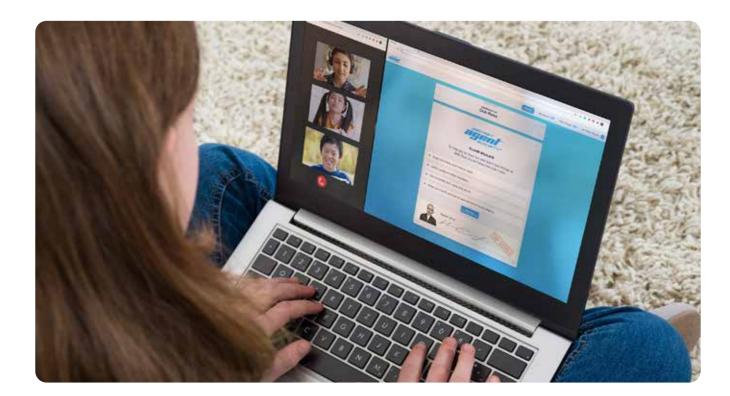
A role for any adult planning to support an SAS Facilitator in their SAS Small Group delivery. On completion of this introductory short course, SAS Assistants may be asked to support the lead SAS Facilitator to manage the SAS group process, assist individual literacy or behaviour needs, or navigate software-based turn-taking and token giving during sessions.

# The Short Course

- The SAS Assistant short course is optional for adults planning to support an SAS Facilitator in their SAS Small Group delivery. During the two (2) hour course applicants gain awareness of:
- The SAS Small Group Program framework;
- Main components of SAS group sessions;
- Basic guide to supporting children's behaviour and learning;
- Familiarity of the SAS online platform to assist the SAS facilitator with:
  - allocating tokens;
  - supporting cadet response submission; or
  - turn-taking controls.

# Eligibility

There are no eligibility requirements, any adult can enrol in the SAS Assistant Short Course. After completing the training, SAS Assistants access the SAS online platform to support group sessions when linked to a subscribed SAS Provider and added as an Assistant to a particular SAS group meeting.



# The Senior SAS Facilitator

SAS Facilitators experienced in delivering the SAS Small Group Program, can apply to become Senior SAS Facilitators. Senior SAS Facilitators will have demonstrated their use of best practise, unlocked system functionality to run co-facilitated groups of 1:6 together with an SAS Assistant or SAS Facilitator team member, and open up pathways to SAS team leadership.

# Eligibility

To apply to be a Senior SAS Facilitator, an existing SAS Facilitator needs to meet the following criteria:

- Have a professional degree (e.g. psychology, occupational therapy, speech pathology, social worker, teacher) and at least five years of work experience since completing their professional degree;
- To have delivered at least three SAS Small
  Groups in the past 18 months, and for at least
  two of these groups, led the child club meetings;
  or
  - To have been an active SAS Facilitator for at least three years, delivering at least one SAS Small Group per year, for at least two of these groups, and led the child club meetings.

# The Application Process

After meeting the above criteria and enrolling in the Senior SAS Facilitator accreditation process, applicants are asked to:

- Submit de-identified SAS Session Checklists for 3 completed SAS Small Group Programs, including the self-evaluation commentary;
- Provide a written summary and analysis of how the applicant managed a child and a parent process issue during one of the SAS groups, for example, preventing/managing impulsivity or responding to resistance;
- Upload video footage or audio recording of themselves leading a collaborative SAS support session with a colleague or trainee that explores a process issue and/or individualised teaching process from a past SAS Child Club Meeting and planning for a future meeting; and
- Provide a written description to accompany the video/audio file that reflects on the strategies used to support the colleague, including time point references from the video/audio file.









Social Science Translated (SST) is the organisation that distributes the Secret Agent Society, making it available worldwide to children, parents and professionals. Social Science Translated is a subsidiary of the not-for-profit Autism CRC Ltd, the world's first national cooperative research effort focused on autism and an independent source of evidence for best practice. SST's mission is delivering evidence-based practical resources to engage professionals, children and families to diversify life skills with a vision of valuing diverse life skills that make for meaningful change in people's lives.





# **APPENDIX A**

# How Effective Is The Program?

Multiple University and community trials including four randomized controlled trials (RCTs) have shown SAS to be effective in improving children's emotion regulation and social skills when delivered in clinic, school and telehealth contexts.

### Children's Social Emotional Goals

Results from the initial clinic-based RCT of the SAS Small Group program (formerly called the Junior Detective Training Program) showed 76 per cent of children aged 8 to 12 years with Asperger's Syndrome who had clinically significant delays in social functioning improved to showing social skills within the range of typically developing children. Improvements in social skills and emotional regulation occurred across home and school and were maintained 5-months after the program ended.

An independent evaluation of the SAS Small Group program conducted in Autism Spectrum Australia (ASPECT) Satellite Classes across five NSW school districts showed that SAS led to improvements in the emotional regulation and social skills of autistic students, with gains maintained one year after the program ended. Results showed that supplementing the school curriculum with SAS led to significantly greater gains in students' social-emotional functioning than the standard curriculum alone, with SAS shown to be equally effective irrespective of students' socio-economic status, verbal comprehension level, gender, or age (between 8 and 14 years). This three-year evaluation involved collaboration between ASPECT and academics from the University of Sydney, University of Queensland, Monash University, Griffith University, Westmead Children's Hospital and King's College (London).

A pilot evaluation conducted at the University of Queensland demonstrated the effectiveness of the SAS Small Group program for children who had social-emotional challenges, but who were not on the autism spectrum. This trial included students with learning difficulties, ADHD, anxiety disorders and those who had not been formally diagnosed with a psychological disorder. SAS was as effective for these children as for those with an ASD (as demonstrated in previous trials), with significant improvements in children's emotional-regulation skills, anxiety levels and social functioning shown.

A multi-clinic RCT conducted at Weill Cornell Medicine, New York Presbyterian Hospital demonstrated the SAS Small Group program to be more effective than treatment as usual in improving the emotion regulation and social skills of children with ASD, ADHD, anxiety disorders, or any combination of these conditions, with improvements maintained at 6-month follow-up. SAS Small Group was shown to be equally effective regardless of the number and type of diagnoses that children in the trial presented with. Additional research evaluations within child mental health and developmental disability services are currently underway or being prepared for publication by research teams based in Dublin, Ireland, Melbourne, Australia, and York University, Canada.

Multiple sites across the world have conducted community implementation projects to demonstrate the benefits of using the SAS Small Group program in local clinical, disability and education services. These include the National Educational Psychology Service in Ireland, Geneva Centre for Autism in Canada, the Children's Hospital Los Angeles, Buffalo School Districts in USA and Weill Cornell Medicine, New York Presbyterian Hospital, USA, Lucena Clinic in Ireland, Alfred Health in Australia, and both York and Carleton Universities in Canada. An Australian-based trial of SAS was conducted in mainstream schools comparing the effectiveness of a variant of the SAS Small Group program to the educator-led use of the SAS Computer Game Pack. Results showed that both interventions led to improvements in the emotional regulation and social skills of autistic students, although the small group intervention led to greater gains. The Small Group Program participants also displayed reductions in child anxiety, improvements in student behaviour and enhanced parent and teacher self-efficacy.

# Telehealth and Remote Learning

Telehealth parent coaching variants of SAS have been evaluated through randomised control trials at the University of Queensland. Parents were supported by a trained SAS Facilitator via phone/web link, to deliver either a variant of the SAS Small Group Program or the SAS Computer Game Pack, with results showing improvements in the emotion regulation and social skills of children on the autism spectrum. The group program variant also improved children's behaviour and parents' self-efficacy. A pilot project conducted by the Center for Autism and Developing Brain, New York Presbyterian Hospital, USA and a community-based applied research trial led by York University, Canada, support the feasibility and acceptability of the SAS Small Group Program when delivered via telehealth.

### Individual Delivery

Preliminary evaluations and RCTs of face-to-face individual delivery variants of the SAS Small Group Program resources in Australia and Canada have also shown positive findings for improving the emotion regulation and/or social skills of children with ASDs.

### Gender Effects on Program Outcomes

Findings from several trials described above have shown SAS to be equally effective, regardless of children's gender.

The SAS Small Group Program materials have been updated over time to improve gender diversity and neutrality across graphics, activities, and specific program content in response to feedback from children, parents and professionals.

### Children Of Different Ages and Intelligence

Results from the ASPECT Satellite Class Trial and the initial clinic-based randomised controlled trial described above showed SAS to be equally effective irrespective of a child's age (8-14 years in the ASPECT Trial; 8-12 years in the clinic trial) or IQ (a small number of students had mild to moderate intellectual impairments in the ASPECT Trial; all had an IQ at least within the average range in the clinic trial). Updates to the SAS Small Group overtime include more simplified language and facilitator tips for tailoring to lower levels of intellectual functioning and/or learning difficulties.







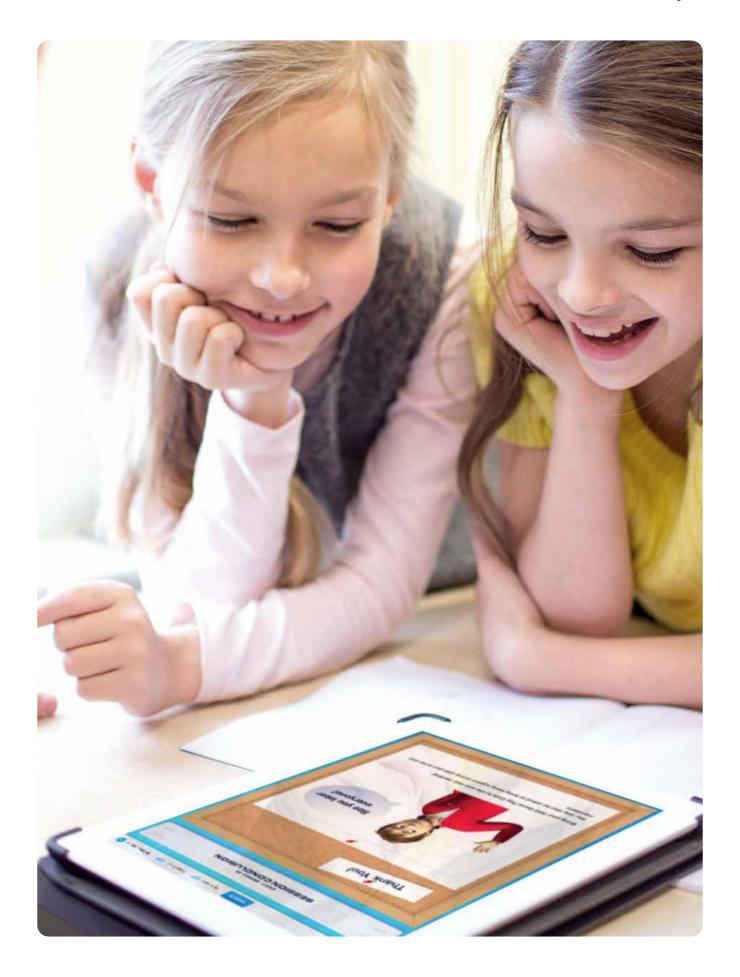
# References

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# **APPENDIX B**

# **Program Delivery Preparation**

The below example outlines the Small Group program flow and staff time allocation when running a group with 6 children. Please note that the assessment and teacher check-in time is proportional to the number of children per group. Assessment processes are available in an automated format, significantly reducing the staff timing requirements. If **not** using the automated assessment, it is recommended that SAS Facilitators allocate 45 minutes to 1 hour 20 minutes per child for assessment activities over the course of the program. For teacher check-ins, it is recommended that SAS Facilitators allocate 20 minutes per child (2 x 10 minute check-ins per child).

### Intake and Pre-Assessment

For a group of 6 children, it is recommended that SAS Facilitators allocate 4 ½ to 8 hours for the Intake & Pre-Assessment, commonly consisting of the following:

- Registration forms / Expressions of interest from parents;
- · Intake interviews with parents and children;
- · School observation and teacher intake interview; and
- Manual scoring and interpretation of pre-program assessments (reduce time by using the built-in automated assessment).

### **Cadet Places**

A Cadet Place is required for each child/family who join the SAS Small Group Program. The cost associated with implementing the SAS Small Group Program is relative to the number of Cadet Places needed. The fees are either paid upfront by the SAS Provider as part of their subscription, or later purchased by services or parents as needed.

It is recommended SAS Providers and Facilitators monitor the activation of Cadet Places in their SAS Provider's inventory. Some services ensure their subscribed Cadet Places adequately cover the planned number of group participants per year. Others choose a lower-level subscription and plan to purchase additional Cadet Places as needed, this includes where services have families that prefer to pay separately to meet funding or rebate requirements. Additional Cadet Places can be purchased outside of any chosen SAS Provider package.

# **Preparation and Debrief**

SAS Facilitators may allocate up to 15 hours for session preparation and debriefing/supervision with their co-facilitator and/or peers.

# Staffing Requirements

The following tables provide a guide to the professional staffing requirements of the SAS Small Group Program.

# Assessment: Intake process and outcome evaluation

SAS Program Activity	No of Sessions	Estimated Hrs
Pre Program Intake & Assessment	1	1-5.5
Intake interview + Questionnaire administration, scoring and interpretation -		
Parent, Teacher, Child, school observation		
(Reduce time by using the built-in automated assessment)		
Post Program Assessment	3	1-3
Questionnaire administration and scoring /observational assessment /		
scoring and interpretation/ feedback and consultation to parents & teachers		
(Reduce time by using the built-in automated assessment)		

# Child Group Meetings (2 x delivery format options)

SAS Program Activity	No of Sessions	Min. Contact Hrs
SAS Child Group Meetings	11-22	16

# Parent Group Meetings (3 x delivery format options)

SAS Program Activity	No of Sessions	Min. Contact Hrs
SAS Parent Group Meetings	6-23	8-12

# School and/or Teacher Contact (Varies across SAS Providers)

SAS Program Activity	Min. Contact Hrs
SAS School Information Session & Teacher Check-Ins	2-9

# Program Delivery Support

Research shows that post-training support within an organisation is critical for effective and sustainable program delivery.

# Peer Support

It is recommended that SAS Facilitators review program content with their Co-Facilitator and/or a peer support group to problem-solve obstacles to effective program delivery on an ongoing basis. Recommendation on how to do this effectively will be provided in training.



### Half-hour Individual Consultation

Each SAS Facilitator Training Course place includes a half-hour consultation with an accredited Secret Agent Society Consultant.

- Consultations are scheduled by individual SAS Facilitators, usually within the first month of program delivery. The agenda for the phone call or web link is determined by the SAS Facilitator, and typically focuses on successes and barriers to program implementation.
- Co-Facilitators may elect to share their follow-up consultations with others.

# Social Science Translated Website

The SST Website assists SAS Facilitators in promoting their service to the community through:

- Providing a "Find a SAS Provider" feature;
- Sharing our latest news articles through local networks; and
- Directing families to information on what to expect in the SAS Small Group program and how it will benefit their family.

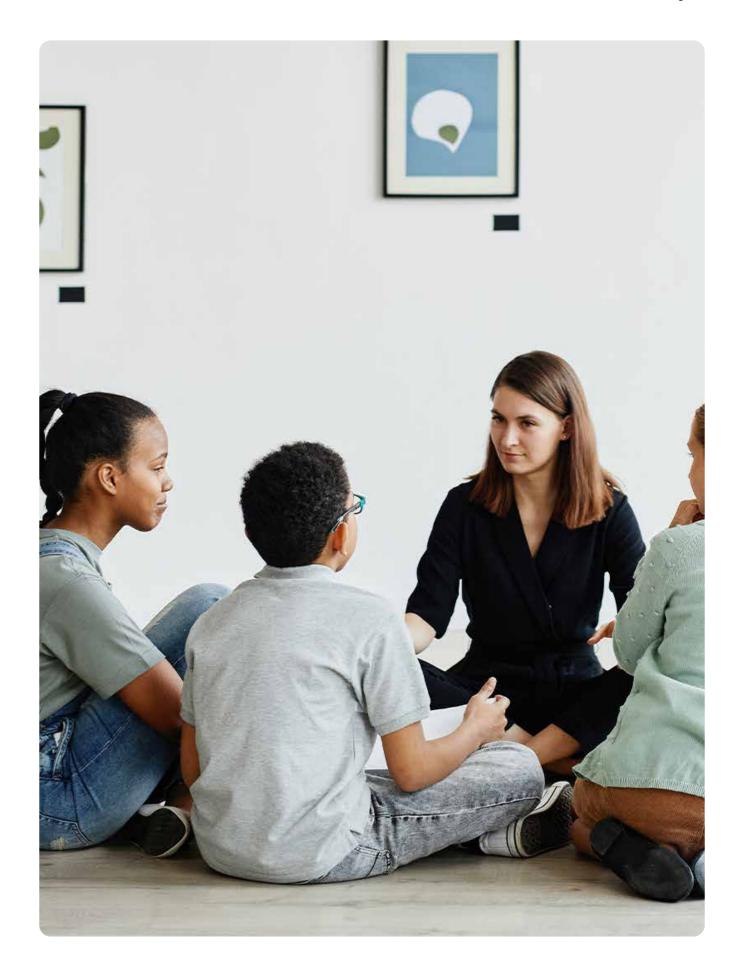
# SAS Provider Kit

Once subscribed as an SAS Provider, your organisation will receive a comprehensive SAS Provider Kit with tips and guidance on communicating about your SAS services, use of promotional materials, maintaining program fidelity while flexibly applying program resources, and more.

# Additional Clinical Support Available

A number of additional clinical support options can be purchased as needed. These may include:

- · Telephone/live video consultations;
- Video/audio footage review; and
- Site visits



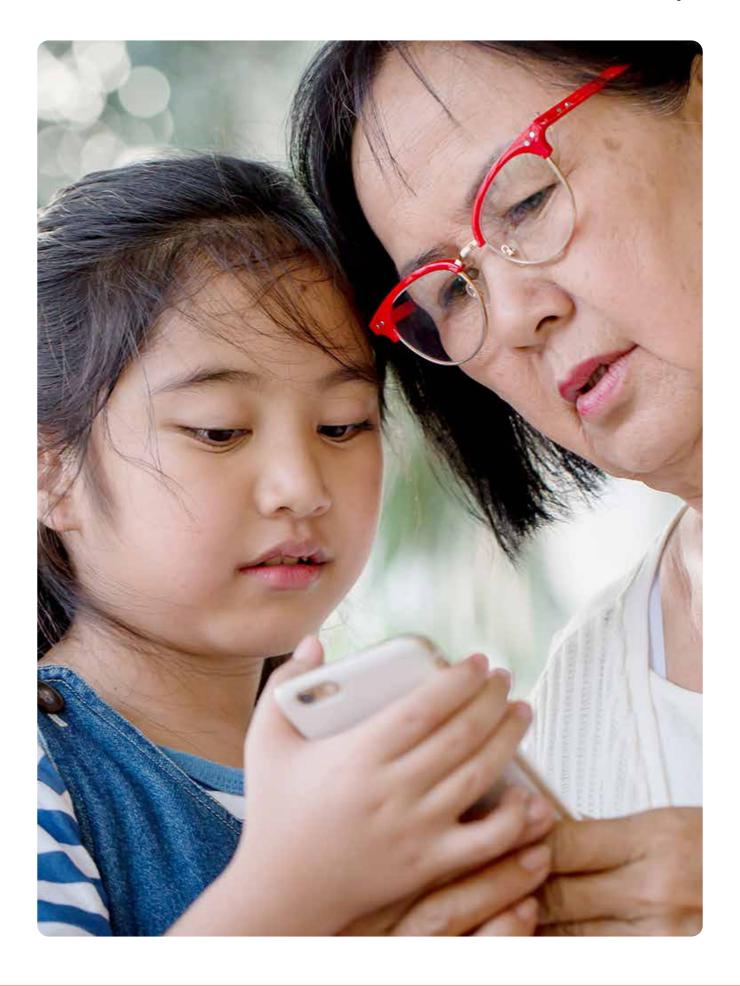
# **APPENDIX C**

# Capacities and Resources

This checklist will help you to understand your organisation's current capacity to deliver the program, including strengths and areas that may require further attention. Please contact SST on training@sst- institute.net to discuss any questions or concerns that arise when completing the checklist.

# Capacities and Resources

- 1. Are the key decision makers within your organisation informed about the program and supportive of itsimplementation?
- 2. Have all staff who will be completing the training course been briefed about SAS and how it meets organisational objectives?
- 3. Does your organisation have access to appropriate children to deliver the program to (i.e. 8 to 12 year-old children with social-emotional goals, usually with IQ close to or within average range), and capacity to engage parents and teachers?
- 4. Do you meet the eligibility requirements for attending the SAS Facilitator Training Course?
- 5. Have you planned how you will recruit families to attend SAS groups?
- 6. Have you planned how many SAS groups your organisation intends to deliver and over what time frame?
- 7. Have you planned how many children will participate in each group?
- 8. Have you planned how many facilitators will need to be trained to maintain a maximum ratio of 1 facilitator per 4 children (ideally 1:3)?
- 9. Will staff have sufficient time, space and equipment available to effectively deliver SAS in the 12 or 23 session format (including booster sessions) with child, parent and teacher components via face-to-face or telehealth?
- 10. Is there a plan for supporting ongoing quality-assured SAS program delivery?
- 11. Are you aware of available funding options for your organisation to deliver SAS or families to access your services?
- 12. Are you linked with a subscribed SAS Provider and have a planned budget for using the SAS software with families?
- 13. Have you planned how families will be informed about SAS and how program intake will be managed?
- 14. Has your workplace considered workforce attrition (of trained SAS Facilitators) or increased program demand in your preparation?







# APPENDIX D

### Coordinating SAS Training as a Team

To assist services wishing to encourage collaborative team learning, the following provides recommendations for undertaking the self-paced online SAS Facilitator Training as a team.

# Training Preparation Planning

- · Where possible identify a Training Coordinator to support the communication processes leading up to the event.
- Establish the most suitable training timeline (session by dates and times) with your team. The team can complete training synchronously including; engagement in discussion when prompted by course materials, or asynchronously in their own time with strategically scheduled peer consultation meetings.
  - a. Note: A minimum of fourteen (14) hours is recommended for completion of the self-paced training units.
- Block out the time in your team's calendars:
  - a. Synchronous group training: e.g. Two days or 4 x 4hr sessions (these times include breaks). More details provided below;
  - b. Asynchronous group training: e.g. 1 x 30min Welcome meeting, 2 x 1-2hr Peer consultation meetings, and 1 x 1hr Implementation planning meeting. More details provided below; and
  - c. Note: Participants are required to complete 100% of the training modules to become SAS Facilitators.
- Provide your team with the SAS Implementation Guide.
- Ensure that the team are aware of the training and technical requirements, including tips to ensure a comfortable and successful training experience.

# Recommended technical requirements

- Reliable internet access\*;
- A compatible device and recently updated browser (phones are not recommended as they are too small);
- Headphones (optional);
- Paper and pens to take additional notes (optional); and
- A shared document/whiteboard/flip chart for questions or brainstorming as a team.

\*If completing the training from an organisation such as a government school, it may be important to ensure that the team has the required technical/administrative permissions in place prior to accessing the SAS software and receiving emails.

# Additional tips and tricks

- · It is suggested, where possible that participants complete training in a space with natural light and good ventilation;
- Whilst undertaking the training, it is highly recommended where possible that mobile devices are switched to silent and participants are free from external distractions; and
- Water to keep hydrated and perhaps a snack for energy between breaks.

### Synchronous Team Training

- Plan a 'Welcome to SAS Facilitator Training' presentation leading into the commencement of the first training unit. This is an important step in the training process as it allows organisations to briefly:
  - Introduce their strategic vision for SAS Small Group within their service suite;
  - · Set the scene for planning and expectations for SAS Small Group Program implementation;
  - Establish group training "rules" to maximise a respectful and effective training experience;
  - Provide each participant with their training coupon code to access the online units (if relevant);
  - · Advise participants that all relevant training materials will be provided digitally within the training units;
  - Notify participants of any scheduled breaks or catering;
  - Discuss WHS or 'housekeeping' requirements (if applicable); and
  - Allow participants to commence the training at the same time.\*

\*If a participant is unable to complete the course within the team's allocated training plan, they will have three (3) months to complete the course before access expires.

- Allocate a timekeeper to monitor the stages of progress and length of discussions in attempt to have all team members roughly progressing at a similar pace (and to finish within the time you have allocated).
- Team members can discuss and brainstorm together prior to submitting their answers. Note: each trainee is required to enter their own responses logged in under their own account to complete the course. Consider structuring the team into small groups or pairs and prompting a change of training team at predictable stages of the training process
- Schedule and plan an 'SAS Implementation Planning Meeting' at the expected conclusion of the training period. Facilitate a discussion on the practical implementation of SAS Small Group at your organisation. For example:
  - When will groups start?
  - Do we need new promotional/information materials?
  - What existing procedures do we need to adapt?
  - How can we as a team be as efficient as possible with group meetings and communication with mentors?
- Consolidate any unanswered questions and submit to SST. Alternatively, schedule a meeting with an SST representative to discuss SAS implementation at your organisation.

### **Asynchronous Team Training**

- Schedule and plan a 'Welcome to SAS Facilitator Training Meeting' prior to training period commencement. This is an important step in the training process as it allows organisations to:
  - Introduce their strategic vision for SAS Small Group within their service suite;
  - · Set the scene for planning and expectations for SAS Small Group Program implementation;
  - Provide each participant with their training coupon code to access the online units (if relevant);
  - · Advise participants that all relevant training materials will be provided digitally within the training units;
  - Notify participants of any recommend breaks and times;
  - Discuss WHS or 'housekeeping' requirements (if applicable); and
  - Allow participants to commence the training at the same time.\*

\*If a participant is unable to complete the course within the team's allocated training plan, they will have three (3) months to complete the course before access expires.



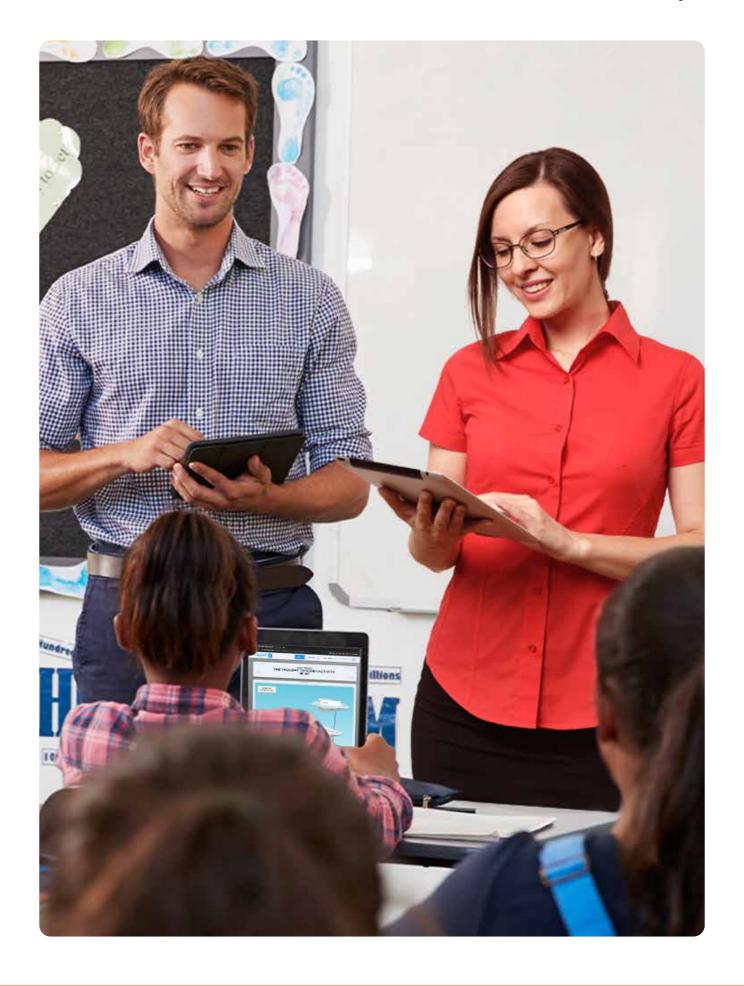


• Schedule at least two (2) 'Peer Consultation Sessions' which, depending on your training timeline, can be held at the end of each day or training period throughout the training timeline.

- Provide guidance that 'Peer Consultation Sessions' are for bringing together SAS Small Group Program questions that have arisen from the training course, to find answers as a group, and to record any unanswered questions.
  - It is recommended that the peer questions be clearly identified as being either SAS Program questions or organisational implementation questions. This will ensure a balance of both types in peer discussions.
- Schedule and plan an 'SAS Implementation Planning Meeting' at the conclusion of the expected training completion period. Facilitate a discussion on the practical implementation of SAS Small Group at your organisation. For example:
  - When will groups start?
  - Do we need new promotional/information materials?
  - What existing procedures do we need to adapt?
  - · How can we as a team be as efficient as possible with group meetings and communication with mentors?
- Consolidate any unanswered questions and submit to SST. Alternatively, schedule a meeting with an SST representative to discuss SAS implementation at your organisation.

### Post Training

Once training is completed professionals will have continued access to review the training material through their Facilitator Dashboard while linked to a subscribed SAS Provider. All program materials for running SAS groups are accessed via the SAS software when linked to a subscribed SAS Provider.







# Contact Us

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