



# **The Provision of Early Intensive Behavioural Intervention (EIBI) for students with Autism Spectrum Disorder (ASD) across Western Australia to facilitate successful independent mainstream inclusion.**






# **SCHOOL OF SPECIAL EDUCATIONAL NEEDS: DISABILITY SSEND Vision Statement**

**‘To make a valued contribution to education through the provision of exemplary support services for students with disability and learning disabilities.’**





# Outline

- ABA Overview
  - Context
  - Early Intensive Behavioural Interventions (EIBI)
  - Specialist Autism Learning Programs
  - Why do we need it?
  - Who is eligible?
  - Question and Answer
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# Current ASD Statistics

- In 2012 it was reported 1 in 63 children were diagnosed with an ASD in Australia
- 2015 NDIS data combined with Carer Allowance data from Government departments indicate a rate of diagnosis of 1 in 49 for children aged 5-15 years.

Autism prevalence is shown in the following table:

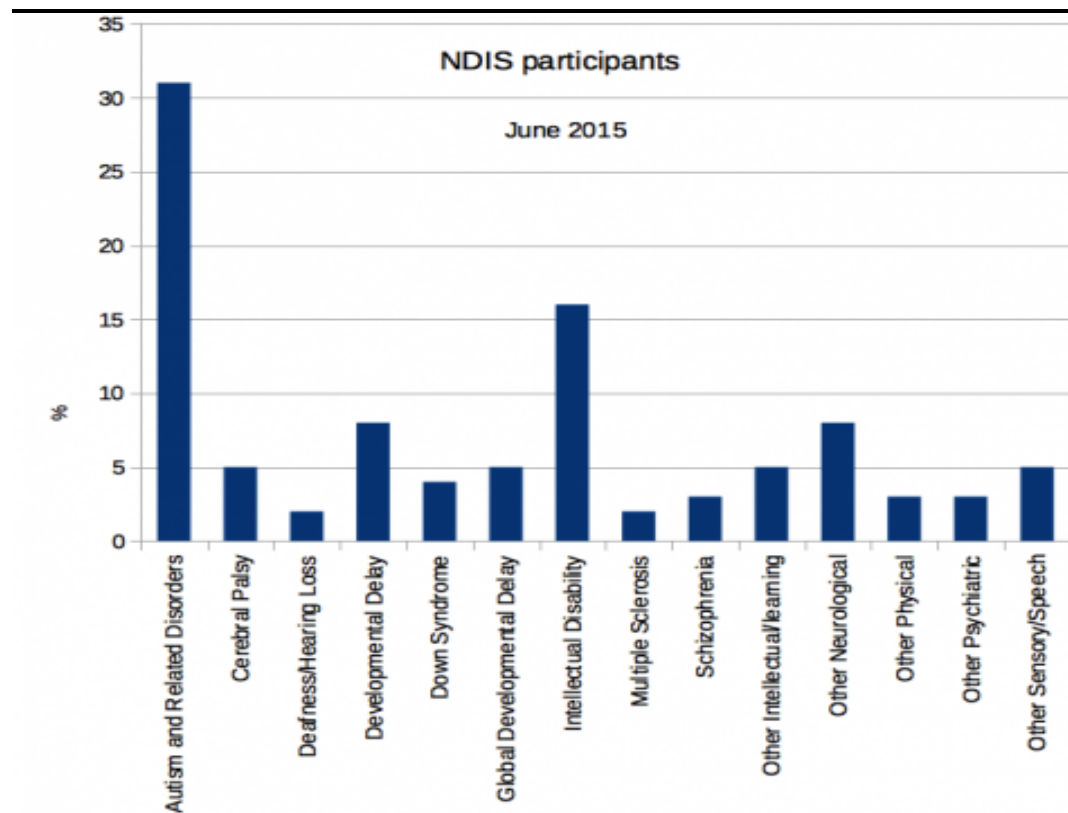
**Australia - Carer Allowance (Child) 2015**

age (years)	ASD	population	prevalence	1 in x	
0-4	5748	1538952	0.374%		
5-9	29027	1522192	1.907%	52	
10-14	31840	1415903	2.249%	44	49
15	5569	287190	1.939%	52	

The US Government's Centre for Disease Control reported similar growth in that country (see [link](#)): it reported based on data from 2010 that on average 1 in 68 school children are diagnosed with autism in the USA.


# Why do we need it?

- ASD is the largest disability group in Australia making up 31% of all disabilities.



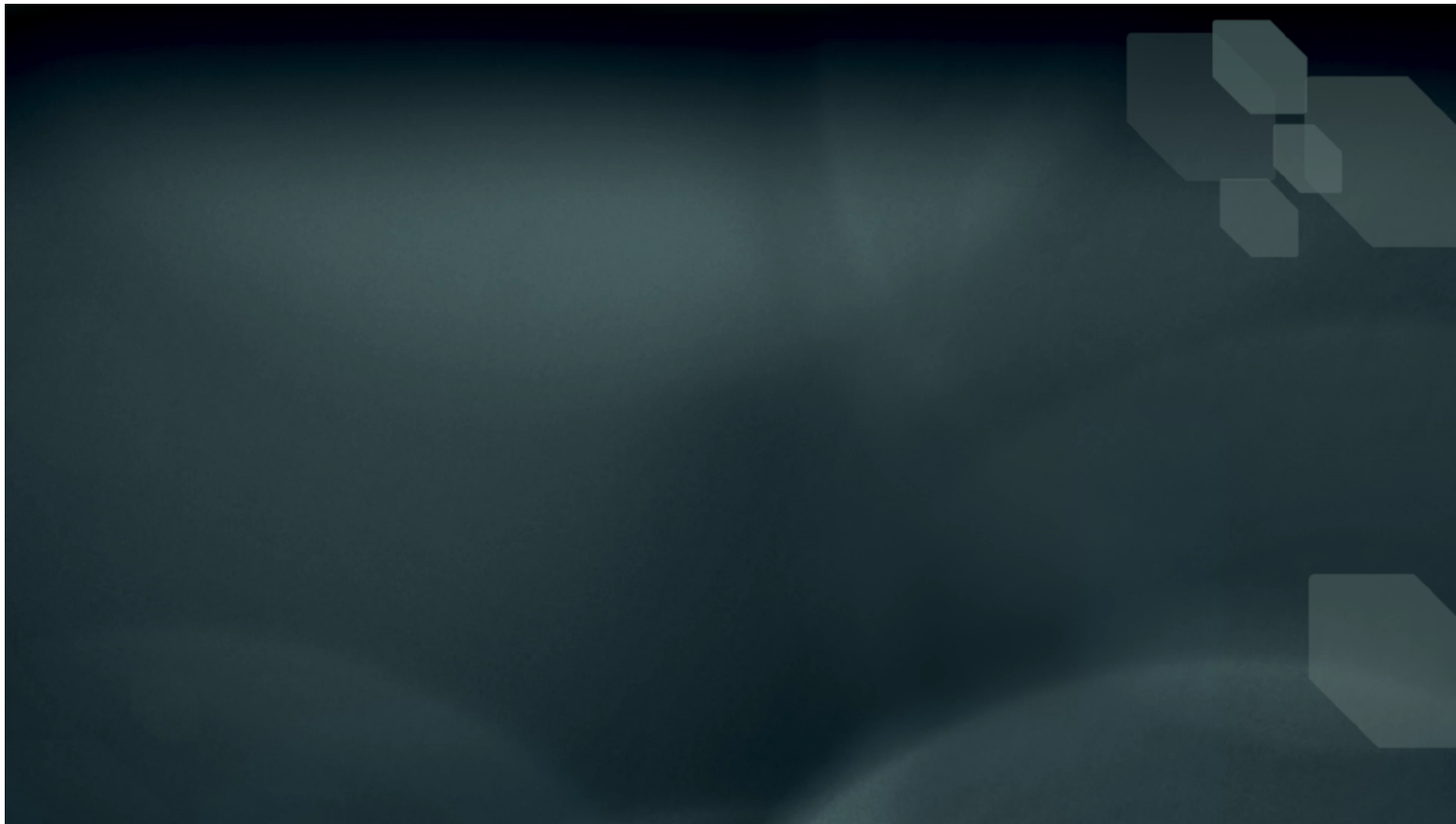


## Western Australian Context

- There are currently in excess of 4000 students (1.4 per cent of the total student population) with a diagnosis of Autism Spectrum Disorder (ASD) in Western Australian public schools, and rising.
  - By comparison there were 2114 students with ASD in Western Australian public schools in 2011 (0.8 per cent of the total student population).
  - Current support programs include Early Intervention (EI & ALCA) for K-PP and the Academic Extension Program (AEP) Years 7-12
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## Overview of ALCA





# Applied Behaviour Analysis

- **Applied behaviour analysis (ABA)** is the science of applying experimentally derived principles of behaviour to improve socially significant behaviour.
  - Applied behaviour is the third of the four domains of behaviour analysis, the other three being, [behaviourism](#), [experimental analysis of behaviour](#) and [professional practice of behaviour analysis](#).
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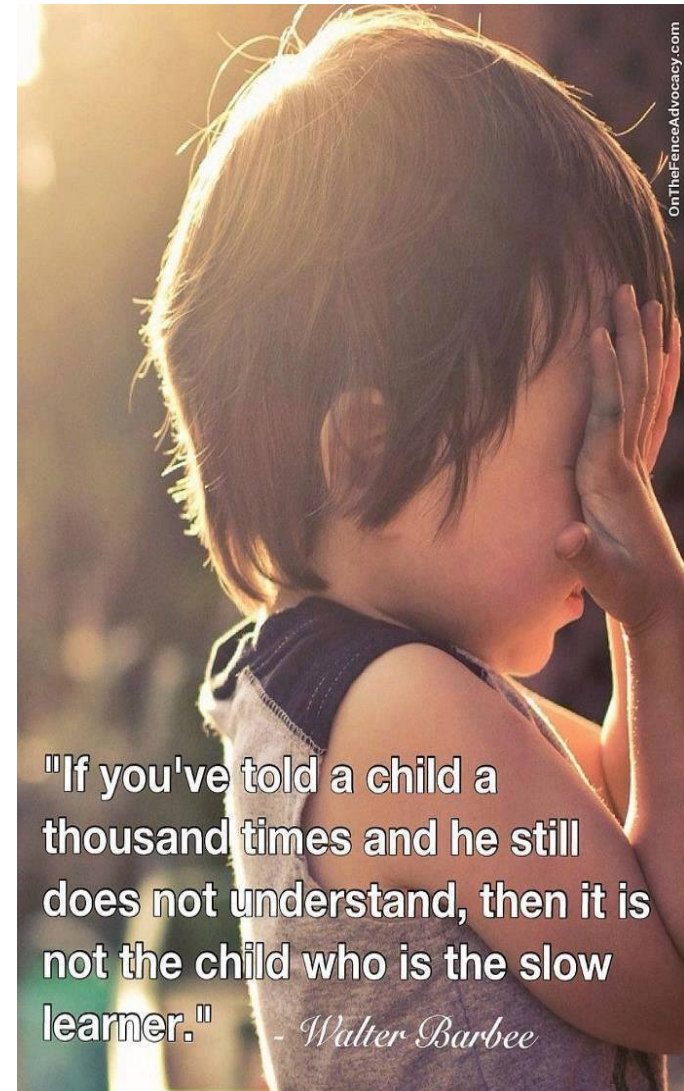
# ABA Dimensions

1. Applied
2. Behavioural
3. Analytic
4. Technological
5. Conceptually systematic
6. Effective
7. Generality

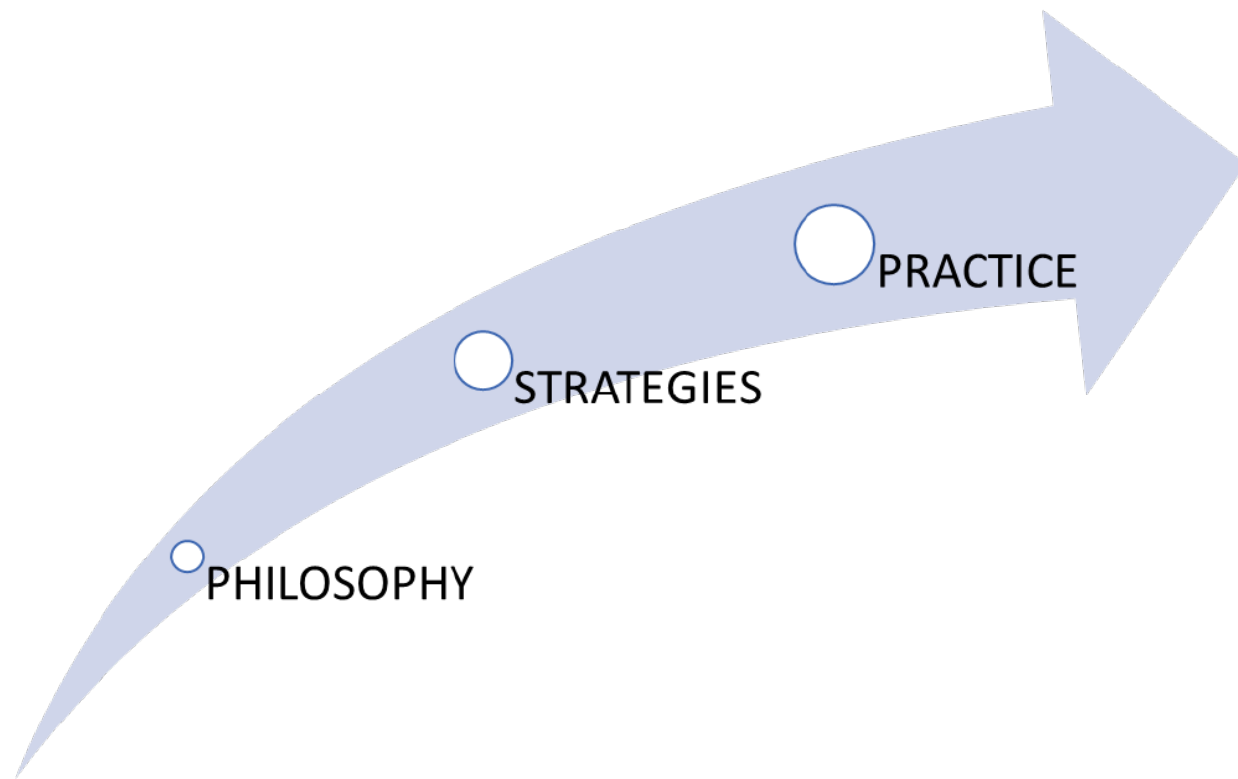


In a behaviorist view, if a student does not learn the way we teach, then we need to change the way we teach. The behaviorist view of education places the responsibility for student learning on the teacher. Perhaps this is why so many in public education settings ignore or reject behavior analysis.

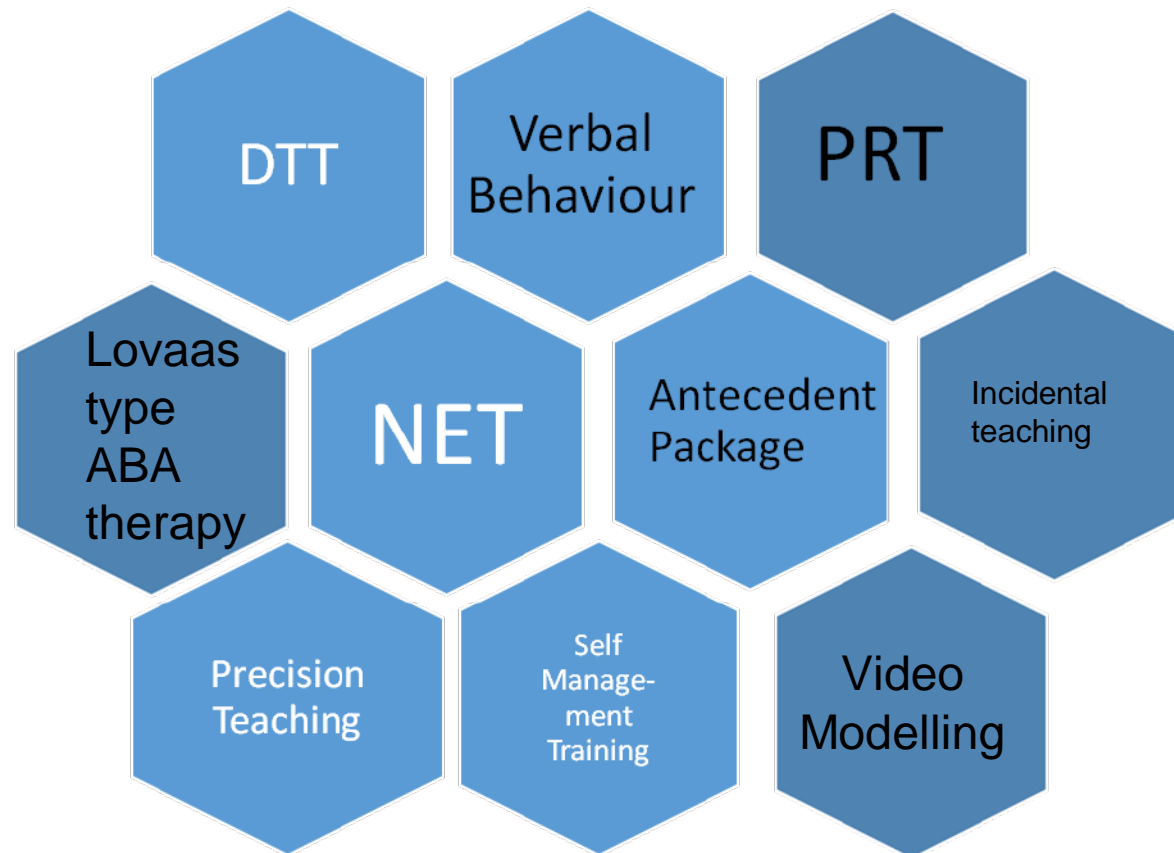
(Fielding et al. 2013).



# Classroom application



# Applied Behaviour Analysis






# Manding



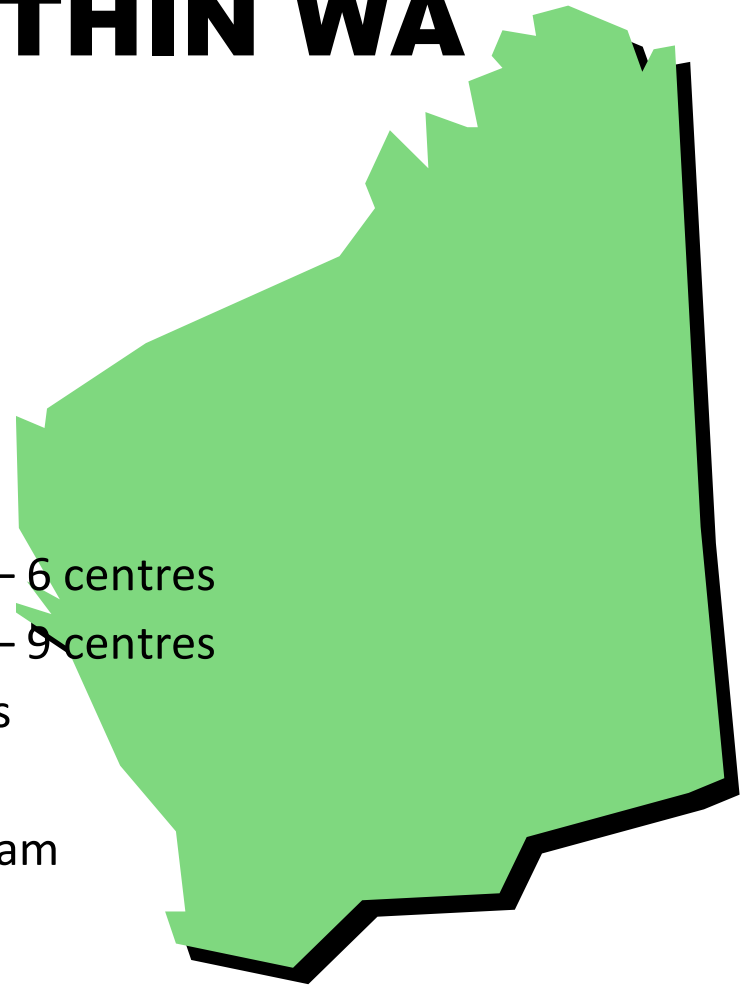


# ACCELERATED LEARNING CENTRES FOR AUTISM - ALCA

- Early intervention program for children with a diagnosis of Autism Spectrum Disorder
  - 2 x 1 year placements over kindergarten and pre-primary (dual placement)
  - Highly specialised teaching strategies based on the principles of Applied Behaviour Analysis (ABA)
  - Intensive teaching is a key component
  - Successful and independent inclusion in mainstream is the main objective
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# EXPANSION OF EARLY INTERVENTION WITHIN WA

- 1999 Hillcrest Autism Unit
- 2001 North Fremantle Autism Unit
- 2003 Beckenham Autism Unit
- APPOINTMENT OF CO-ORDINATOR
- 2004 Allenswood Autism Unit
- 2006 Early Intervention Trial Project – 6 centres
- 2008 Early Intervention Trial Project – 9 centres
- 2008 ALCA – North and South centres
- 2016 ALCA
- 2017 Specialist Autism Primary Program






# What is the Specialist Program for Students with ASD?

- Designed for students with ASD without intellectual impairment
  - Staffing includes 1 x Level 3 Coordinator, 3 x Specialist Teachers, 8-10 x Level 3 Special Needs Education Assistants
  - 22-25 students primary
  - Accommodation will consist of 3 x classrooms, office space for the Level 3 Coordinator and access to all school facilities
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## Why do we need it?

- Other than Education Support Schools and Centres, there are no ASD specialised programs running in Western Australian public schools.
  - The majority of students with ASD who have high academic potential for learning are either currently enrolled in Education Support Schools and/or Centres, or have difficulty accessing the curriculum consistently. This may be due to complex behaviours, socialisation difficulties or high rates of absenteeism.
  - We need to remove barriers to learning and give all students equal opportunity for a successful education.
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## What support structures will be in place?

- New staff will be highly specialised in providing evidence-based support for students with ASD and will be able to provide support throughout the school
  - The program will bring specific and effective resources to host school which can be used and implemented throughout the school
  - SEND Autism Education Service will provide support to the program, school and network as well as all staff having access to professional learning as requested
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## How will it operate?

- Initially students will attend the specialised program for the majority of their school day in their 'homeroom'. The programs will operate full-time.
  - Students will be provided with supported integration opportunities where appropriate.
  - Program staff will provide high structure and high support for students with ASD, focusing on the development of social skills, communication and self-regulation.
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**Question & Answer**

**Thank you**



## Contact details

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