



# **Complete Remediation of Autism via Early Intensive Behavioral Intervention in a Toddler Diagnosed with Autism**

Center for Autism & Related Disorders, Inc.



# “Anthony”

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- Age at intake: 2 years, 0 months
- Diagnosis: Autism
  - Georgetown University
- Start Date with CARD: April 2003
- End Date with CARD: September 2006



# Anthony At Intake

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- Standardized Testing
  - Completed 4/17/03 by Georgetown University
  - CA: 2 years, 0 months
- IQ testing
  - BSID: Mental Age 70  
Developmental Age: 19 months
- Language Testing
  - PLS 4: Auditory Comprehension: 67  
Expressive Communication: 73  
Total Language Score: 67



# Anthony

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- Symptoms at intake
  - Nonvocal
    - Hand led parents to communicate – no vocal mands or tacts
  - Self-stimulatory behavior in the form of hand flapping and tensing of arm and neck muscles
  - Minimal eye contact
  - Minimal Play Skills
  - No spontaneous interactions with parents or sister



# Anthony Service Delivery

Dates	1:1 ABA	Inclusive School with Shadow	Program Supervision
April 2003-September 2004	40 hours per week	0	4-6 hours per month
September 2004-January 2005	30 hours per week	9 hours per week	4-6 hours per month
January 2005-November 2005	25 hours per week	15 hours per week	3 per month
November 2005-June 2006	10 hours per week (playdates)	15 hours per week	3 per month
June 2006-September 2006	0	30 hours per week	Occasional parent support
September 2006-Present	0	Attends Kindergarten No shadow	Occasional Parent Support



## Anthony Program Introduction and Mastery

Program	Introduced Date	Mastery Date
Matching	Apr. 03	July 03
Non-verbal Imitation	Apr. 03	July 03
Receptive Objects	Apr. 03	Aug 04
Eye Contact	Apr. 03	June 03
Block Imitation	Apr. 03	Dec 03
Choices	Apr. 03	May 03
Gross Motor	Apr. 03	Apr 04
Fine Motor	Apr. 03	Jun 03
Beginning Play	Apr. 03	Jun 03
Compliance	Apr. 03	July 03
Verbal Imitation	Apr. 03	Nov 04
Pointing	Apr. 03	May 03
Preverbal Imitation	May 03	July 03
Object Mands	Jun 03	Dec 03
Play Imitation	Jun 03	Jul 03

Body Parts	Jun 03	Oct 03
People	July 03	Dec 03
Animal Sounds	July 03	Nov 03
Obj. Expressive	July 03	Oct 03
Puzzles	Aug 03	Jan 04
Colors	Sept. 03	July 04
Yes/No	Sept 03	Oct 03
Prepositions	Oct 03	July 04
Features	Nov 03	May 04
Greetings	Dec 03	Feb 04
Locations	Jan-04	Jun-04
Attributes	Jan-04	Jul-04
Catefgories	Jan-04	Mar-04
Pronouns	Feb-04	Feb-05



## Anthony Program Introduction and Mastery

Program	Introduced Date	Mastered Date
Asking Questions	Mar-04	May-04
Rec. Statements	Mar-04	Dec-04
Pretend Play	Apr-04	Jan-05
Describe	Apr-04	Jun-04
Sequencing	Apr-04	Oct-04
Tell Me About	Jun-04	Nov-04
I don't know	Jun-04	Oct-04
Emotions	Aug-04	Dec-04
Why/Because	Aug-04	Feb-05
Past Tense	Aug-04	Nov-04
Symbolic Play	Sep-04	Nov-05
Drawing Scenes	Oct-04	Feb-05

Program	Introduced Date	Mastered Date
Cutting	Oct-04	Jan-05
Desires	Oct-04	Nov-04
Obs. Learning	Oct-04	Mar-05
Prediction	Jan-05	Mar-05
Play Initiation	Jan-05	Nov-05
Knowing	Jan-05	Nov-05
Time Concept	Jan-05	Jul-05
Recall	Jan-05	Aug-05
Telling Stories	Jan-05	Nov-05
Inf. Quest.	Feb-05	Oct-05
Gestures	Feb-05	Nov-05
Prosody	Feb-05	Nov-05



## Anthony Program Introduction and Mastery

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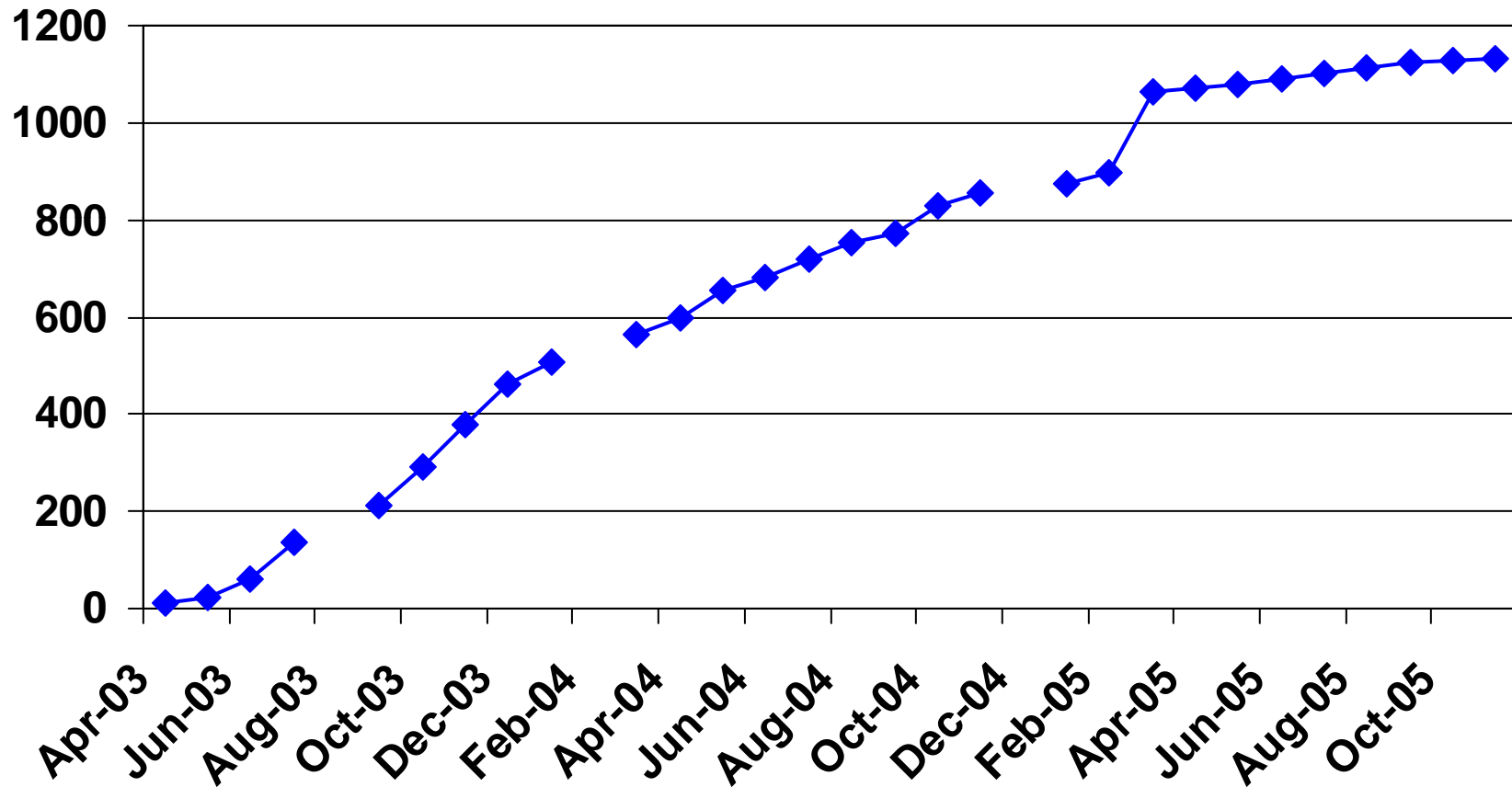
Program	Introduction Date	Mastered Date
Gross Motor Skills	Mar-05	Nov-05
Emotional Perspectives	Mar-05	Sept-05
Role Play	Jun-05	Nov-05
Thinking	Jun-05	Nov-05
Social Cues	Jun-05	Nov-05
Detecting Sarcasm	Jun-05	Nov-05
Jokes	Aug-05	Nov-05
Phonics	Jul-05	Nov-05
Subtle Cue Recognition	Jul-05	Nov-05



# Anthony

## Cumulative Mastered Targets

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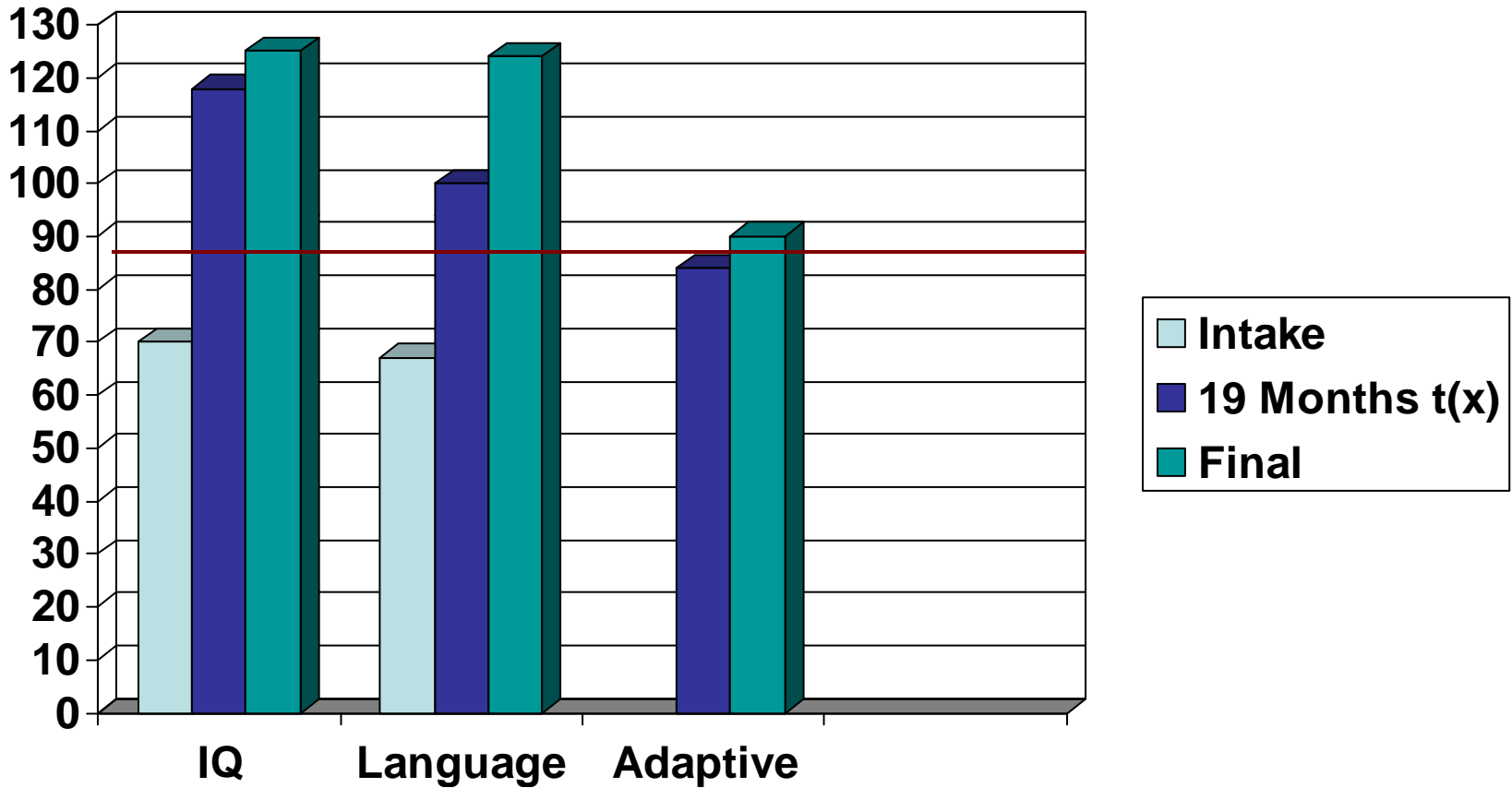


# Anthony-Standardized Test Scores

Test	Intake Testing Date: 4/17/03 Age: 2 years, 0 month	19 months into t(x) Date: 11/16/04 Age: 3 years, 7 months	Ending Testing Date: 11/17/05 Age: 4 years, 6 months
IQ	BSID-II Mental Dev. Index: 70 Dev. Age: 19 months	WPPSI-R Verbal Scale: 107 Performance Scale: 127 Full Scale: 118	WPPSI-III Verbal Scale: 124 Performance: 127 Full Scale: 125
Language	PLS-4 Auditory Comp: 67 Expressive Comm: 73 Total Language: 67	PLS-3 Auditory Comp: 94 Expressive Comm: 106 Total Language: 100	PLS-4 Auditory Comp: 109 Expressive Comm: 133 Total Language: 124
Adaptive	N/A	VABS Adaptive Behavior Composite: 84, 14 <sup>th</sup> percentile (2 years, 11 months)	VABS Adaptive Behavior Composite: 90, 25 <sup>th</sup> percentile (4 year, 1 month)



# Anthony Test Scores





# Anthony

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- Passed Kindergarten Entrance Exam with no problems or concerns from staff
- Progressed through Kindergarten in a dual language program that taught English and Spanish at the same time (due to parent's plan to move back to Mexico in the future)
- Completed the first grade with no concerns from teacher's
- No one from the school knows he had a previous diagnosis



# School Report from Public School Teacher

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- January 30<sup>th</sup>, 2007. “Anthony is a bright, enthusiastic and inquisitive child who is well liked by his classmates. He is reading independently with comprehension and fluency on grade level. He has a sight word vocabulary of around 25-30 words and growing. He is beginning to write simple stories about himself. He takes pride in his accomplishments and always puts forth his best effort. He sometimes has difficulty following oral directions, but usually asks for clarification. He is very cooperative, respectful and considerate of others. He is a model student, and a pleasure to work with.”