ABA 101

Southwest Autism Research & Resource Center (SARRC)
300 N. 18th St. Phoenix, AZ 85006
602-340-8717
www.autismcenter.org

Who is SARRC?
Overview

1. What is Autism Spectrum Disorder?
2. Applied Behavior Analysis
3. Strategies
What is Autism?

Social Communication

Restricted/Repetitive Patterns of Behavior
Overview

1. What is Autism Spectrum Disorder?
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Video Examples
Applied Behavior Analysis

- Increase desirable behavior
- Decrease undesirable behavior
- Improve the quality of behavior
- Teach a new behavior

The 7 Dimensions of Applied Behavior Analysis

- Behavioral: Focus on observable and measurable behavior
- Analytic: Prove relationships between behavior and the environment
- Applied: Make a difference of social importance
Applied Behavior Analysis Defined

Applied: Socially Significant Behaviors
Applied Behavior Analysis Defined

Behavioral: Is it measurable?

Analytic: Is there experimental control?
Applied Behavior Analysis Defined

*Technological: Is there written description?*

![Instructional diagram]

Applied Behavior Analysis Defined

*Effective: Were the results practical?*

![Grocery shopping]

SARCC
Applied Behavior Analysis Defined

Generality: Does it last over time?
Applied Behavior Analysis Defined

Conceptually Systematic: Does it use principles of ABA?

ABA and Autism

Evidence-Based Practices and Students With Autism Spectrum Disorders

Richard L. Simpson

Evidence-Based Practices and Students With Autism Spectrum Disorders

Richard L. Simpson
Basic Principles: Three-Term Contingency
Basic Principles: Antecedent

An instruction, event, or something else from the environment, that occurs prior to the behavior

A  B  C
Basic Principles: Behavior

What the person does immediately following the antecedent presentation.

A B C
Basic Principles: Consequence

The presentation or removal of something immediately following the behavior, which directly affects the rate of the behavior occurring in the future.
Basic Principles: Three-Term Contingency

Putting it all together!
**Overview**

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**Important Component #2**

4 Important Components: Problem Behavior Interventions (Horner et al., 2002)

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<th>Functional Assessment</th>
<th>Comprehensive Intervention</th>
<th>Systems Change</th>
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Combined Interventions

Antecedent Intervention
- Motivation
- Choices
- Priming
- Visual Supports
- Modeling

Behavior

Consequence Intervention
- Reinforcement
- Extinction
- Punishment

Example of Combined Support
Example of Combined Support

Applied Behavior Analysis Defined

Accountability and Effectiveness
If the child is not learning, it is not the child’s fault. We must change the way we are teaching and continue to try new ways until we find one that works.

Doable
Visible and public, no “magic” here.

Empowering
Tools that work.

Optimistic
Everyone is teachable.
Systems Change

The magnitude of behavior reduction (change) is greater when the intervention is implemented by typical caregivers (teachers, parents) than with atypical agents. (Horner et al., 2002).

Mission

*SARRC’s mission is to advance research and provide a lifetime of support for individuals with autism and their families.*

mmann@autismcenter.org