

## What is applied behavior analysis?

Applied behavior analysis (ABA) is a methodology that involves the application of basic behavioral practices (reinforcement, discrete and in-vivo training as well as individualized teaching) to facilitate the development of language, positive skills, and social behavior. ABA also helps reduce everyday social problems and serious behavior disorders.

Data collected and analyzed at Firefly Autism support the findings of hundreds of other studies that indicate ABA is the most effective method to teach children and adolescents with autism spectrum disorders (ASD) and other developmental disabilities, as well as brain injury and other traumas.

## Is ABA safe?

Tested by research and experience for more than 35 years, ABA practices have been endorsed by the Surgeon General, the National Institutes of Health (NIH), and the Association for Science in Autism Research. The skills and experience of an ABA professional are essential for success. Continuous and systematic evaluation of effectiveness is a fundamental component of the ABA methodology.

## What type of problems can ABA address?

ABA can be used to teach a variety of skills and positive behaviors, including functional living skills, language, reading, social skills, positive peer support, academic engagement, and more. ABA methodology is also effective in decreasing inappropriate behaviors such as noncompliance, tantrums, bed-wetting, feeding problems, aggression, and self-injury.

## At what age can my child benefit from the ABA approach?

ABA can be effective in working with individuals of all ages. However, research shows that skill development programs that are provided at a young age foster better outcomes and can often reduce the likelihood of more severe or dangerous behaviors later in life.

## What is an example of ABA?

Professionals at Firefly Autism used ABA to successfully teach a 14-year-old boy with ASD to use functional communication. Before intervention, Chris would become aggressive when he heard loud noises or someone cleared their throat. When a peer

would make noises, he would become aggressive. This behavior left him socially isolated.

Using ABA techniques, clinical staff and teachers at a Firefly Autism helped Chris learn to communicate in a functional manner when presented with aversive sounds. At the start of training, teachers practiced teaching him to ask to move when presented with aversive sounds. Later, when he was with his peers, teachers periodically prompted his functional communication skills. As Chris began communicating more fluently, they faded the intervention.

Chris began to use this skill independently and in different settings. As he generalized this skill, he became more fluent and less likely to have behavioral outbursts. In this case, ABA was used to teach an essential communication skill that was otherwise undeveloped as a consequence of ASD.

## In what environments are ABA techniques used?

ABA techniques work across all environments – work, home, and school. Home-based services require a significant commitment of time and energy from parents and other caregivers.

Some of the advantages of working in the home are the early identification of problems, the ability to incorporate elements that are relevant to the child into practice, and the opportunity to include those people who are closest to the child as teachers. At Firefly Autism, in-home therapists assist parents as they learn how to help their child acquire appropriate communication skills and functional living techniques.

Likewise, children in school benefit from being in a familiar setting and doing activities that are relevant to them. Firefly Autism professionals work with hundreds of schools across the country to provide services using ABA techniques to help individual students, teachers, and entire classrooms.

Firefly Autism also employs ABA methodology in its four private schools that serve children and adolescents with ASD and other developmental disabilities. Our center has preschool and school age programs that provide services in school in the morning and the afternoon, reinforcing the importance of repetition, consistency, and positive reinforcement in the ABA approach. Firefly Autism also uses ABA techniques in its school for children and adolescents with brain injury.

## How can I identify a qualified ABA professional and what should I expect?

Professionals utilizing ABA techniques should have solid practical experience in the field and meet high educational and professional standards, licensure, and board certification by either the Behavior Analyst Certification Board (BACB). Firefly Autism employs some of the most highly trained and experienced ABA professionals in the country. Our nationally recognized ABA experts participate in nationally recognized behavior analytic organizations, such as the association for Behavior Analysis, International, teach at the university level, participate in research studies,



[www.fireflyautism.org](http://www.fireflyautism.org)

*Firefly Autism is a nonprofit organization that provides educational, rehabilitative, and behavioral healthcare services to individuals with autism and other developmental disabilities, and behavioral healthcare needs. Since its founding more than 12 years ago, Firefly Autism, has been a premier provider of behavior analysis for individuals with autism and other developmental disabilities in Colorado.*

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and make presentations at national and international conferences. Before utilizing ABA practices, qualified professionals should evaluate a child with behavioral problems to identify his or her specific needs for intervention and support. They will observe a child in several situations to determine where and why the problem behavior occurs. Once an evaluation is complete, a recommendation can be made regarding the type of program and setting that is best for the child and the family.

## Proven Effectiveness

*Hundreds of scientific studies have shown that ABA is the most effective method to teach children and adolescents with autism and other developmental disabilities. ABA has been endorsed by the National Institutes of Health and the Association for Science in Autism Treatment, and has been identified by the Surgeon General of the United States as the most effective way to treat autism.*

## Is ABA right for my child?

Parents who feel their child might be helped by ABA-based procedures should take several things into consideration: the time and resources of the family, the severity of the behaviors, and the help available in the community.

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