

BUS DRIVERS AND TRANSPORTATION SUPERVISORS



Autism Basics

What does autism look like?

Autism is a term commonly used for a group of neuro-developmental disorders also known as Pervasive Developmental Disorders (PDD) or Autism Spectrum Disorders (ASD). The core symptoms of autism are challenges related to:

- **communication**
- **social interaction**
- **restrictive or repetitive behaviors and interests**

Individuals with autism can also experience other difficulties, including medical issues, differences in coordination and muscle tone, sleep disturbances, altered eating habits, anxiety or disordered sensory perceptions. The features, abilities and severity of symptoms vary considerably among individuals with autism.

These differences may also present as exceptional abilities, and autism can occur with or without other learning challenges. It is important to think of each individual with autism as intelligent, even if language or behavioral difficulties might not reveal abilities in the way one might expect. A student with autism may display some or all of the following characteristics, which may represent challenges from a certain perspective, or strengths from another (e.g. a student who appears inflexible or rigid may also be the most compliant with the rules of a classroom):

- Difficulty understanding language, gestures and/or social cues
- Limited or no speech, or verbalizations that repeat or maintain a particular topic
- Limited or no eye contact
- Difficulty relating or participating in a back-and-forth conversation or interaction
- Social awkwardness
- Intense or odd interests in unusual topics or objects, unusual play
- Repetitive behaviors, such as pacing or lining things up, spinning, hand flapping, or rocking
- More or less sensitivity to light, sound, smell, taste or touch than usual
- Abnormal fears and/or lack of appropriate fear of real dangers
- Difficulty managing transitions, changes in routine, stress, frustration
- Strong visual skills
- Good rote and long term memory (math facts, sports statistics, etc.)
- Adherence to rules, Honesty
- Intense concentration or focus, especially on a preferred activity
- Understanding and retention of concrete concepts, patterns, rules
- Musical, mathematical, technological or artistic ability or interest



Where does it come from?

There is no known cause of most cases of autism, though the best scientific evidence points toward a combination of genetic and environmental influences. Autism is a neurological/biological disorder, not a psychological/emotional condition.

Autism is found in all social, racial and ethnic groups, and is 3-4 times more prevalent in boys than in girls. Autism occurs in 1 out of 150 children, up from 1 in 10,000 in 1980.

What do I need to keep in mind?

- Individuals with autism can learn and many make dramatic improvements, especially with early and intensive intervention
- Communication challenges can encompass a broad range, both in terms of understanding and speaking (understanding gestures or spoken language, delays in processing, inability to form sounds or full sentences, word retrieval difficulties, misunderstanding idioms or sarcasm, timing of body movements or conversational exchanges, remaining on topic, etc.)
- Many people with autism are visual learners, or have attention difficulties that make visual supports essential
- Most are concrete thinkers and literally interpret jokes, idioms or sarcasm
- Social skills are underdeveloped, but interest in friendships and social interaction is often present
- Anxiety and frustration are common
- *Each student* is an individual - with a distinct set of likes and dislikes, strengths and challenges, and a unique personality

How can I make a difference?

- Be welcoming and supportive. Meet the student where he is and learn from him. Respect the individual. *Please* do not talk about him in his presence.
- Set clear expectations and boundaries. Be consistent. Develop structure. Practice and provide repetition to build understanding and skills.
- Recognize that behavior IS communication.
- Develop strategies to compensate for or overcome challenges—offer preferred seating, additional response time, organizational supports (written schedules, lists, labels, etc.), visual information paired with verbal directions, etc.
- Be aware of the student's sensory needs, and adjust supports and expectations as appropriate. Avoid or prepare for known triggers, such as fire alarms. Give breaks for self-regulation.
- Expect growth and keep standards high, with small steps and supports to allow the student to exhibit success. Promote age appropriate interests, behavior, independence and life skills.
- Reward what you want to see utilizing positive reinforcement strategies. Use the student's interests to engage and motivate him.



- Educate peers and promote acceptance and understanding. Support social development with role playing, modeling, rewards. Include with typical peers.
- Communicate among team members, including parents. Ask questions, share what works and problem-solve what does not. Keep learning. Be creative.
- Assume intelligence, teach competence, promote independence and be respectful.
- Relax, have fun, celebrate successes and treasure the individual!



Asperger's Syndrome Basics

What does Asperger's Syndrome look like?

Asperger's Syndrome, sometimes viewed as a high functioning form of autism, is a neuro-developmental condition that is one of the Pervasive Developmental Disorders (PDD) or Autism Spectrum Disorders (ASD). The core symptoms of Asperger's Syndrome are challenges related to:

- **social interaction**
- **restrictive or repetitive behaviors and interests**
- **but not delays in language development or intellectual ability**

Individuals with Asperger's have average or higher intelligence, with many exhibiting exceptional skills, knowledge or abilities. Individuals with Asperger's Syndrome can experience other difficulties, including medical issues, differences in coordination and muscle tone, sleep disturbances, altered eating habits, anxiety or disordered sensory perceptions.

These differences may also present as gifts. A student with Asperger's may display some or all of the following characteristics, which may represent challenges from a certain perspective, or strengths from another (e.g. a student who appears inflexible or rigid may also be the most compliant with the rules of a classroom):

- Difficulty understanding figurative language, idioms, gestures and/or social cues
- Literal or excessive speech, often with concentration on a particular topic
- Limited or no eye contact
- Difficulty relating or participating in a back-and-forth conversation or interaction, such as a game
- Inflexibility, Social awkwardness
- Intense or odd interests in unusual topics or objects, unusual play
- Repetitive behaviors, such as pacing or lining things up, or self-stimulatory actions like spinning, hand flapping, or rocking
- More or less sensitivity to light, sound, smell, taste or touch than usual
- Anxiety, Abnormal fears and/or lack of appropriate fear of real dangers
- Difficulty managing transitions, changes in routine, stress, frustration
- Ability to decode written language (read) at an early age (but not necessarily comprehend)
- Strong visual skills
- Good rote and long term memory (math facts, sports statistics, etc.)
- Adherence to rules, Honesty
- Intense concentration or focus, especially on a preferred activity
- Understanding and retention of concrete concepts, patterns, rules
- Musical, mathematical, technological or artistic ability or interest



Where does it come from?

There is no known cause of most cases of Asperger's Syndrome, though the best scientific evidence points toward a combination of genetic and environmental influences. Asperger's Syndrome is a neurological/biological disorder, not a psychological/emotional condition.

Asperger's is found in all social, racial and ethnic groups and is diagnosed up to ten times more frequently in boys than in girls. The autism spectrum disorders, including Asperger's Syndrome, occur in 1 out of 150 children, up from 1 in 10,000 in 1980.

What do I need to keep in mind?

- Individuals with Asperger's can learn and many make dramatic improvements. Academics are often an area of strength.
- Communication challenges can encompass a broad range of subtle differences, both in terms of understanding (gestures, others' perspectives, idioms or sarcasm,) and speaking (word retrieval, timing conversational exchanges, remaining on topic, inappropriate comments, etc.)
- Many people with Asperger's benefit from visual supports and other accommodations helpful to visual learners and those with auditory processing challenges or difficulty focusing attention. Most are concrete thinkers and make literal (and often incorrect) interpretations of jokes, idioms or sarcasm.
- Social skills are underdeveloped, but interest in friendships and social interaction is often present—and students are often painfully aware of social status.
- Individuals with Asperger's are often the victims of bullying behavior.
- Anxiety, depression and frustration are common.
- *Each student* is an individual - with a distinct set of likes and dislikes, strengths and challenges, and a unique personality.

How can I make a difference?

- Be welcoming and supportive. Meet the student where he is and learn from him. Respect the individual. *Please* do not talk about him in his presence.
- Set clear expectations and boundaries. Be consistent. Develop structure. Practice and provide repetition to build understanding and skills.
- Recognize that behavior IS communication.
- Develop strategies to compensate for or overcome challenges—offer preferred seating, additional response time, organizational supports (written schedules, lists, labels, etc.), visual information paired with verbal directions, social curriculum, etc.
- Be aware of the student's sensory needs, and adjust supports and expectations as appropriate. Avoid or prepare for known triggers. Give breaks for self-regulation.
- Expect growth and keep standards high, with small steps and supports to allow the student to exhibit success. Promote age appropriate interests,



behavior, independence and life skills. Specifically teach social skills and understanding.

- Reward what you want to see utilizing positive reinforcement strategies. Use the student's interests to engage and motivate him.
- Educate peers and promote acceptance and understanding. Support social development with role playing, modeling, rewards. Teach self reliance. Include.
- Communicate among team members, including parents. Ask questions, share what works and problem-solve what does not. Keep learning. Be creative.
- Assume intelligence, teach competence, promote independence, be respectful.
- Relax, have fun, celebrate successes and treasure the individual!



About Me:

Personal Information Form

It also helps to send along photos of family or favorite activities or people!

Student's Name:

Person completing this form:

Phone:

Email:

What are some of the things that you are most interested in?

What upsets you?

What are you afraid of?

What makes you laugh?

What is ONE thing you would like to improve upon this year?

What calms you down when you are overwhelmed or upset?

What rewards work well for you?

What do you do after school or on weekends?

What days or times are convenient for Parent Meetings (during the school day)?

What is the best way to contact your family?

What issues would your family like to discuss or hear more information about?

Adapted from the Welcome Survey



Bus Drivers/Transportation Supervisors

Many students with autism start and end their day on the bus, and their transportation circumstances can vary considerably. Routing issues are important, but it may also be necessary to schedule accommodations for the child's sensory, behavioral, medical or organizational needs. A student might be placed on a smaller bus and/or accompanied by an aide, or may require supports or considerations in the midst of a full bus and busy situation. Understanding autism, as well as the particular characteristics of an individual child, is important for the transportation department planning for the child, as well as the drivers and aides who may transport him.

Things to think about:

- Awareness of the characteristics of autism as well as the specifics of a student can be helpful in avoiding or managing upsetting situations
- Be aware of the impaired judgment, sensory issues or significant fears that might provoke unexpected behaviors in a student with autism—a lack of respect for traffic considerations may result in a tendency to dart into the street, or the presence of a dog on the sidewalk might mean the child refuses to get off of the bus—know what to do to avoid or manage particular needs
- Be mindful of communication challenges; solicit guidelines for communication from his family or special education staff, knowing that you may need to wait for a response to a question or use an alternative communication device or strategy such as pictures
- Be aware that a need for adherence to routine may result in anxiety (and behavior) surrounding changes to the bus route, substitute drivers, seat changes, etc—reduce anxiety by communicating with the student in advance, using visuals wherever possible
- For a child with medical issues such as seizures, it is important to develop a protocol for safety and management with the family and school nurse
- Be aware of the social vulnerability of this population of students and the propensity for them to be victims of bullying behaviors
- Students with autism are not socially savvy; therefore, if a student is being bullied or tortured quietly, he is likely to react or respond—and that is the overt behavior of which you are likely to become aware; consider the communication difficulties of a student with autism and make every attempt to fully understand the elements of a situation before reaching judgment regarding fault or behavior
- Transitions are difficult for some students – this may result in trouble getting on or off the bus
- Many students with autism like predictability and have good long term memory—a student might be able to assist a new or substitute driver with the route



Strategies

- Adjust the route—shorten, or use preferential pickup/drop off situations (e.g. to the calmer side of the school, earlier or later than the rush of students, etc)
- Consider if the support of an aide is needed
- Be calm, positive and an appropriate behavior model for the student with autism as well as other students—greetings, etc.
- Reinforce the behaviors you wish to see with behavior-specific praise (e.g. “I love the way you went straight to your seat and buckled up!”)
- Use [About Me](#) to get to know relevant facts about each particular student’s likes, fears, needs, etc. Ask specific questions regarding safety and impulsivity.
- Visual schedules can be helpful in establishing and perpetuating routines, ensuring compliance (such as buckling a seat belt) and managing behavior. Following is a generic example, but a custom schedule can easily be made using a digital camera to take a picture of each step or action.
 1. Wait at the bus stop
 2. Get on the bus
 3. Sit down
 4. Buckle my seat belt
 5. Ride quietly to school
 6. Get off the bus
- Provide written rules or pictures of expectations of bus behavior for the child—as well as the school staff and parents so that they may provide additional support (e.g., if there is no eating on the bus, mom needs to know not to send the child out the door with a bagel)
- Work with the school team to provide social narratives or rule cards that might help a student understand a rule or expectation (e.g. why sitting too close is annoying to another rider, why a bus may be late, or what traffic is). Especially for a student who might have trouble understanding subtle social cues, provide ‘Unwritten rules for the bus’ and input on what the social conventions are on a particular route (e.g. seniors sit in the back)
- Give positive directions, minimize the use of ‘don’t’ and ‘stop’ e.g. ‘Please sit in your seat’ can more effective than ‘Don’t stand up’. This provides the student with the direction of exactly what you would like him to do.
- Allow ear plugs or allow use of music or headphones
- Allow hands on sensory items (e.g. squeeze toys)
- Consider peer buddies to support and shield a vulnerable student. It may be helpful to have support from school staff in finding a way to pair students.



- For a student with particularly challenging behavior, work with the school team to develop and employ an element of the positive behavior support plan specific to the needs on the bus

