

People with autism have said that the world, to them, is a mass of people, places and events which they struggle to make sense of, and which can cause them considerable anxiety. In particular, understanding and relating to other people, and taking part in everyday family and social life may be harder for them. Other people appear to know, intuitively, how to communicate and interact with each other, and some people with autism may wonder why they are 'different'.

This leaflet explains more about what autism is.

What is autism?

Autism is a lifelong developmental disability. It is part of the 'autism spectrum' and is sometimes referred to as an autism spectrum disorder, or an ASD. The word 'spectrum' is used because, while all people with autism share three main areas of difficulty, their condition will affect them in very different ways. Some are able to live relatively 'everyday' lives; others will require a lifetime of specialist support.

The three main areas of difficulty which all people with autism share are sometimes known as the 'triad of impairments'. They are:

- difficulty with social communication
- difficulty with social interaction
- difficulty with social imagination.

These are described in more detail below.

It can be hard to create awareness of autism as people with the condition do not 'look' disabled: parents of children with autism often say that other people simply think their child is naughty; while adults find that they are misunderstood.

All people with autism can benefit from a timely diagnosis and access to appropriate services and support.

There is a form of autism called Asperger syndrome. For more information, see our leaflet *What is Asperger syndrome?*

What are the characteristics of autism?

The characteristics of autism vary from one person to another but are generally divided into three main groups.

Difficulty with social communication

"For people with autistic spectrum disorders, 'body language' can appear just as foreign as if people were speaking ancient Greek."

People with autism have difficulties with both verbal and non-verbal language. Many have a very literal understanding of language, and think people always

mean exactly what they say. They can find it difficult to use or understand:

- facial expressions or tone of voice
- jokes and sarcasm
- common phrases and sayings; an example might be the phrase 'It's cool', which people often say when they think that something is good, but strictly speaking, means that it's a bit cold.

Some people with autism may not speak, or have fairly limited speech. They will usually understand what other people say to them, but prefer to use alternative means of communication themselves, such as sign language or visual symbols.

Others will have good language skills, but they may still find it hard to understand the give-and-take nature of conversations, perhaps repeating what the other person has just said (this is known as echolalia) or talking at length about their own interests.

It helps if other people speak in a clear, consistent way and give people with autism time to process what has been said to them.

Difficulty with social interaction

"Socialising doesn't come naturally – we have to learn it."

People with autism often have difficulty recognising or understanding other people's emotions and feelings, and expressing their own, which can make it more

difficult for them to fit in socially. They may:

- not understand the unwritten social rules which most of us pick up without thinking; they may stand too close to another person for example, or start an inappropriate subject of conversation
- appear to be insensitive because they have not recognised how someone else is feeling
- prefer to spend time alone rather than seeking out the company of other people
- not seek comfort from other people
- appear to behave 'strangely' or inappropriately, as it is not always easy for them to express feelings, emotions or needs.

Difficulties with social interaction can mean that people with autism find it hard to form friendships: some may want to interact with other people and make friends, but may be unsure how to go about this.

Difficulty with social imagination

"We have trouble working out what other people know. We have more difficulty guessing what other people are thinking."

Social imagination allows us to understand and predict other people's behaviour, make sense of abstract ideas, and to imagine situations outside our immediate daily routine. Difficulties with social imagination mean that people with autism find it hard to:

- understand and interpret other people's thoughts, feelings and actions
- predict what will happen next, or what *could* happen next
- understand the concept of danger, for example that running on to a busy road poses a threat to them
- engage in imaginative play and activities: children with autism may enjoy some imaginative play but prefer to act out the same scenes each time
- prepare for change and plan for the future
- cope in new or unfamiliar situations.

Difficulties with social imagination should not be confused with a lack of imagination. Many people with autism are very creative and may be, for example, accomplished artists, musicians or writers.

Other related characteristics

Love of routines

"One young person with autism attended a day service. He would be dropped off by taxi, walk up to the door of the day service, knock on it and be let in. One day, the door opened before he could knock and a person came out. Rather than go in through the open door, he returned to the taxi and began the routine again."

The world can seem a very unpredictable and confusing place to people with autism, who often

prefer to have a fixed daily routine so that they know what is going to happen every day. This routine can extend to always wanting to travel the same way to and from school or work, or eat exactly the same food for breakfast.

Rules can also be important: it may be difficult for a person with autism to take a different approach to something once they have been taught the 'right' way to do it. People with autism may not be comfortable with the idea of change, but can cope well if they are prepared for it in advance.

Sensory sensitivity

"Rowan loves art but he hates wearing a shirt to protect his clothing – the feeling of the fabric against his skin causes him distress. We have agreed with his school that he can wear a loose-fitting apron instead."

People with autism may experience some form of sensory sensitivity. This can occur in one or more of the five senses – sight, sound, smell, touch and taste. A person's senses are either intensified (hyper-sensitive) or under-sensitive (hypo-sensitive).

For example, a person with autism may find certain background sounds, which other people ignore or block out, unbearably loud or distracting. This can cause anxiety or even physical pain.

People who are hypo-sensitive may not feel pain or

What is autism?

The National Autistic Society is the UK's leading charity for people affected by autism.

Over 500,000 people in the UK have autism. Together with their families they make up over two million people whose lives are touched by autism every single day.

Despite this, autism is still relatively unknown and misunderstood. Which means that many of these two million people get nothing like the level of help, support and understanding they need.

Together, we are going to change this.

National offices

Head Office

Tel: 020 7833 2299

Email: nas@nas.org.uk

NAS Cymru

Tel: 02920 629 312

Email: wales@nas.org.uk

NAS Scotland

Tel: 0141 221 8090

Email: scotland@nas.org.uk

NAS Northern Ireland

Tel: 02890 236 235

Email: northern.ireland@nas.org.uk

The National Autistic Society is a company limited by guarantee

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Cover artwork by a child with autism, who entered our *make school make sense* art competition.

Sensory sensitivity (contd.)

extremes of temperature. Some may rock, spin or flap their hands to stimulate sensation, to help with balance and posture or to deal with stress.

People with sensory sensitivity may also find it harder to use their body awareness system. This system tells us where our bodies are, so for those with reduced body awareness, it can be harder to navigate rooms avoiding obstructions, stand at an appropriate distance from other people and carry out 'fine motor' tasks such as tying shoelaces.

Special interests

"My art activity has enabled me to become a part of society. When there is something that a person with autism does well, it should be encouraged and cultivated."

Many people with autism have intense special interests, often from a fairly young age. These can change over time or be lifelong, and can be anything from art or music, to trains or computers. Some people with autism may eventually be able to work or study in related areas. For others, it will remain a hobby.

A special interest may sometimes be unusual. One person with autism loved collecting rubbish, for example; with encouragement, this was channelled into an interest in recycling and the environment.

Learning disabilities

"I have a helper who sits with me and if I'm stuck on a word she helps me. It makes a big difference."

People with autism may have learning disabilities, which can affect all aspects of someone's life, from studying in school, to learning how to wash themselves or make a meal. As with autism, people can have different 'degrees' of learning disability, so some will be able to live fairly independently – although they may need a degree of support to achieve this – while others may require lifelong, specialist support. However, all people with autism can, and do, learn and develop with the right sort of support.

Other conditions are sometimes associated with autism. These may include attention deficit hyperactivity disorder (ADHD), or learning difficulties such as dyslexia and dyspraxia.

Who is affected by autism?

Autism is much more common than most people think. There are over half a million people in the UK with autism – that's around 1 in 100 people.

People from all nationalities and cultural, religious and social backgrounds can have autism, although it appears to affect more men than women. It is a lifelong condition: children with autism grow up to become adults with autism.

What causes autism?

The exact cause of autism is still being investigated. However, research suggests that a combination of factors – genetic and environmental – may account for changes in brain development.

Autism is not caused by a person's upbringing, their social circumstances and is not the fault of the individual with the condition.

Is there a cure?

At present, there is no 'cure' for autism. However, there is a range of interventions – methods of enabling learning and development – which people may find to be helpful. Many of these are detailed on our website: www.autism.org.uk/approaches

What is a diagnosis?

A diagnosis is the formal identification of autism, usually by a health professional such as a paediatrician or a psychiatrist. Having a diagnosis is helpful for two reasons:

- it helps people with autism (and their families) to understand why they may experience certain difficulties and what they can do about them
- it allows people to access services and support.

People's GPs can refer them to a specialist who is able to make a diagnosis. Many people are diagnosed

as children; parents, carers and professionals who work with children – such as teachers – can all ask GPs for a referral.

Some professionals may refer to autism by a different name, such as autism or autistic spectrum disorder (ASD), classic autism or Kanner autism, pervasive developmental disorder (PDD) or high-functioning autism (HFA).

Where do I go next?

Our Autism Helpline offers confidential information and advice on autism and related issues.

Tel: 0845 070 4004

(open 10am-4pm, Monday-Friday)

Email: autismhelpline@nas.org.uk

Our website contains information about autism and the services we offer: www.autism.org.uk

Easy read versions of our leaflets *What is autism?* and *What is Asperger syndrome?* are available to download from our website: www.autism.org.uk/easyread

We have some autism information translated into community languages and our Autism Helpline offers a telephone interpretation service for callers whose first language is not English. Find out more at www.autism.org.uk/languages

There are many other organisations offering advice and support to people affected by autism, including those led by disabled people. For details, visit: www.autism.org.uk/linkslibrary



What is autism?