

# Autism and close relationships

Clarifying the challenge and the challenge of clarifying

Peter Vermeulen, PhD



from neurodiversity to neuroharmony www.petervermeulen.be

1

# Teaching about relationships

An autism friendly program for education on sex and relationships



Part 1: sexuality (Hellemans, Vermeulen, Conix, & Delameillieure, 2006)



Part 2: relationships (Vermeulen & Carette, 2011)



from neurodiversity to neuroharmony

# The challenges

Autistic people have a hard time engaging in friendship and other close social relationships:

- Not knowing what to do and say, how and when
- Anxiety and worries
- Doing and saying the "wrong" things
- Being excluded
- Being very vulnerable (bullying)
- •



from neurodiversity to neuroharmony

2

# Smaller social network

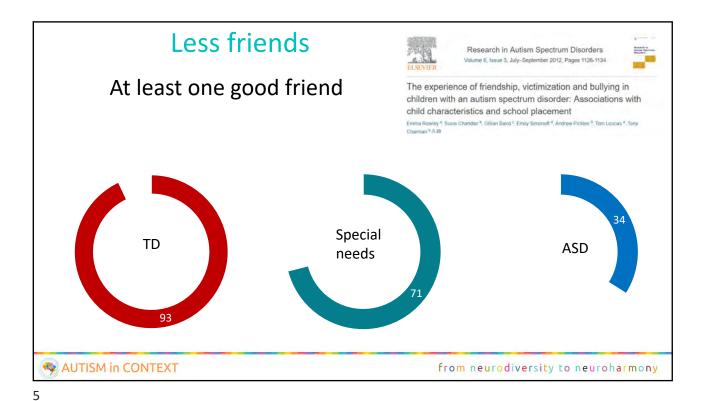
Journal of Research in Special Educational Needs  $\cdot$  Volume  $10 \cdot$  Number  $2 \cdot 2010 \quad 74-81$  doi: 10.1111/j.1471-3802.2010.01148.x

Loneliness, friendship quality and the social networks of adolescents with high-functioning autism in an inclusive school setting

Jill Locke, Eric H. Ishijima, Connie Kasari and Nancy London University of California, Los Angeles, California, USA



from neurodiversity to neuroharmony



# Research Hanne Creupelandt (2009)



- 25 youngsters without ID; 14-19 year
- Structured interview about (11) friendship dimensions

AUTISM in CONTEXT

from neurodiversity to neuroharmony

# Hanne Creupelandt (2009)



Dimension	% mentioned
Equality	80
Companionship	80
Support	72
Attractive quality	68
Frequency	48
Trust	44
Reciprocity	32
Stability	32
Conflict management	20
Across different contexts	16



from neurodiversity to neuroharmony

# Friendship: loneliness and less satisfaction

Child Development, March/April 2000, Volume 71, Number 2, Pages 447-456

Loneliness and Friendship in High-Functioning Children with Autism

Nirit Bauminger and Connie Kasari

Journal of Research in Special Educational Needs - Volume 10 - Number 2 - 2010 74-81 doi: 10.1111/j.1471-3802.2010.01148.x

Loneliness, friendship quality and the social networks of adolescents with high-functioning autism in an inclusive school setting

Jill Locke, Eric H. Ishijima, Connie Kasari and Nancy London University of California, Los Angeles, California, USA

J Ahmert Child Psychol (2009) 36:135-150 DOI:10.1007/s10802-007-0156-4

EUROPEAN JOURNAL OF SPECIAL NEEDS EDUCATION, 2016 http://dx.doi.org/10.1080/08856257.2016.1223441



Children with Autism and Their Friends: A Multidimensional Study of Friendship in High-Functioning Autism Spectrum Disorder

Nirit Bauminger - Marjorie Solomon - Anat Aviezer -Kelly Heung - Lilach Gazit - John Brown -Sally J. Rogers

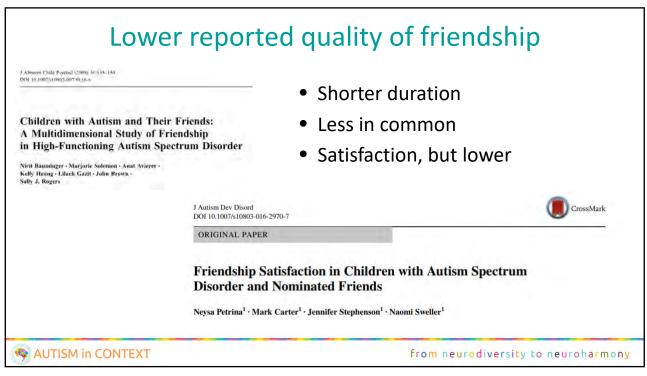
Perceptions of friendship among adolescents with autism spectrum conditions in a mainstream high school resource provision

Siobhan O'Hagan 💿 and Judith Hebron 😳

Manchester Institute of Education, University of Manchester, Manchester, UK

AUTISM in CONTEXT

from neurodiversity to neuroharmony





# It gets harder with age

### Autistic adolescents:

 Less frequent contact with friends compared to when they were younger

(Rotherham-Fuller e.a., 2010)

- Don't see themselves very competent (Locke e.a., 2010)
- 40% no contact with friends outside school
- More than half never invited by friends (Shattuck e.a., 2011)

...and all of this compared to adolescents with other conditions



from neurodiversity to neuroharmony

11

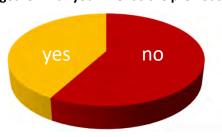
# Putting into practice is difficult

Journal of Developmental & Behavioral Pediatrics: May 2011 - Volume 32 - Issue 4 - pp 277-283 doi: 10.1097/DBP.0b013e31820b49fc Original Article

Social Participation in a Nationally Representative Sample of Older Youth and Young Adults With Autism

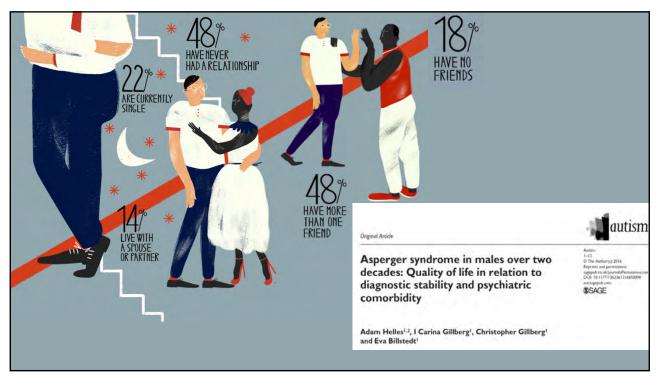
Liptak, Gregory S. MD, MPH; Kennedy, Jenny A. BS; Dosa, Nienke P. MD, MPH

Been together with your friends the previous year?



AUTISM in CONTEXT

from neurodiversity to neuroharmony



## 60% has a best friend

- But 30% meets that friend less than once a month
- Many feel lonely
- Loneliness → depression ↑ anxiety ↑
- Loneliness → life satisfaction ♥ self-esteem ♥

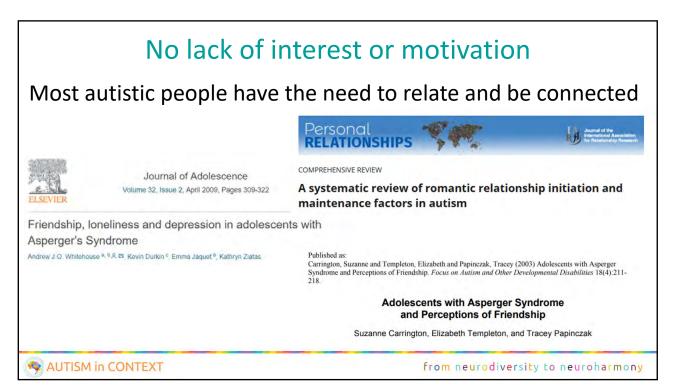


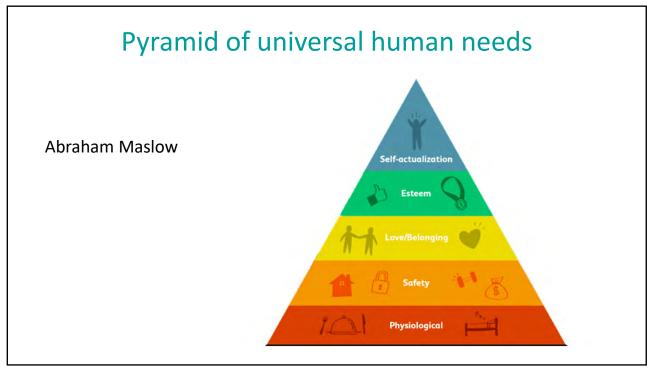
AUTISM in CONTEXT

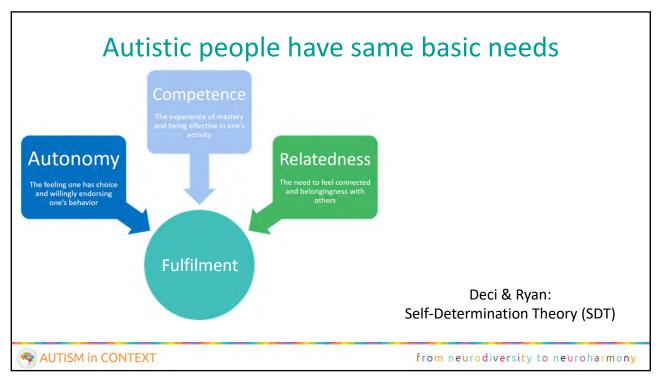
from neurodiversity to neuroharmony

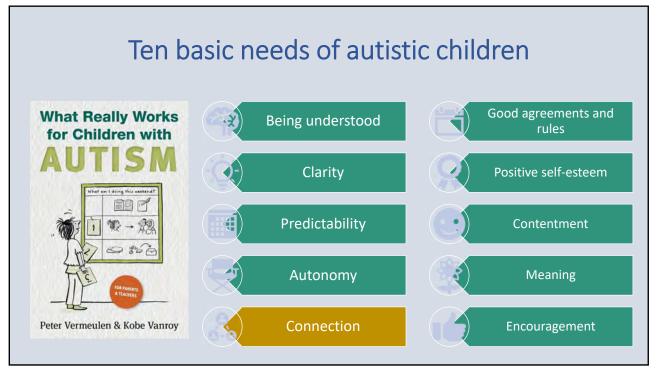












# Making (and Keeping) Friends: A Model for Social Skills Instruction

Contributed by: Dr. Scott Bellini, Associate Director

"I am not asking for my child to be the life of the party, or a social butterfly. I just want her to be happy and have some friends of her own. She is a wonderful kid, and I hope someday others can see that."

# Social Skill Deficits in Autism Spectrum Disorders

Indeed, many parents of children with autism spectrum disorders (ASD) echo this sentiment concerning their child's social functioning. They know that their child has many wonderful qualities to offer others, but the nature of their disability, or more precisely, their poor social skills, often preclude them from establishing meaningful social relationships. This frustration is amplified when parents know that their children want desperately to have friends, but fail miserably when trying to make friends. Often, their failure is a direct result of ineffectual programs and inadequate resources



from neurodiversity to neuroharmony

21

# Priority: social skills training

### Examples of IEP Goals for Autistic Students

Since IEP goals are personalized for each student, there is no single template for all programs. Goals can be detailed with objectives that highlight the goal or vague with detailed objectives. However, you can learn more about how to write goals by looking at examples of IEP goals for autistic students:

• Social Skills: Demonstrates an ability to interact with her peers appropriately.

- Communication: Increases verbal and language skills to improve interaction with others.
- Gross Motor Skills: Shows improvement in gross motor skills by participating in school activities
  that require balance and coordinated movement.
- Fine Motor Skills: Develops stronger fine motor skills through art projects, writing and building blocks.
- Self-help: Learns more self-help skills in regard to hygiene and personal care.
- Cognitive: Engages in problem solving.
- Adaptive: Uses a sensory choice board appropriately



from neurodiversity to neuroharmony

# Priority: social skills training

Q3: What is social skills training and why is it a priority?



A3: Unlike their peers, children with ASDs do not acquire basic social skills through general experience and observation, such as sharing enjoyment and maintaining eye contact. This social inadequacy often results in anxiety, depression, social avoidance, academic difficulties and problematic peer interactions. Social skills training uses problem-solving techniques to actively teach children the skills they need to be successful and cope with challenging situations in the social environment. Research has demonstrated that social skills training is one of the most effective treatments for children with ASDs and helps them to succeed in their personal and academic lives.



from neurodiversity to neuroharmony

23

# Teaching social skills





Step 1: Think of what you'd like to say



**Step 2**: Make sure you have the other person's attention. Look at the person.



Step 3: Ask a question or make a comment.



**Step 4**: Listen carefully while the other person responds.

Is often training of generic skills in off-line training situations

AUTISM in CONTEXT

from neurodiversity to neuroharmony

# Very **bold** statement

If we want to help people with ASD in their relationships, social skills training is not the best, nor the first strategy!



from neurodiversity to neuroharmony

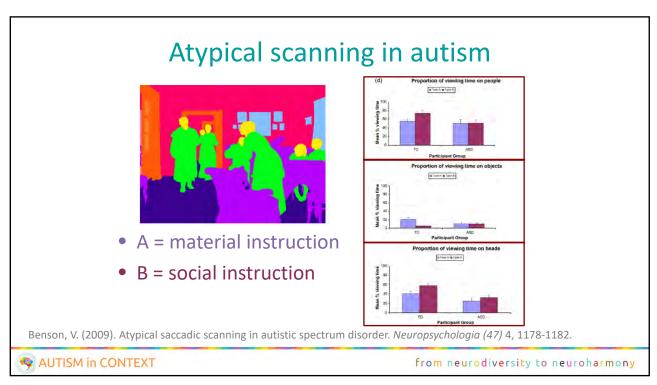
25

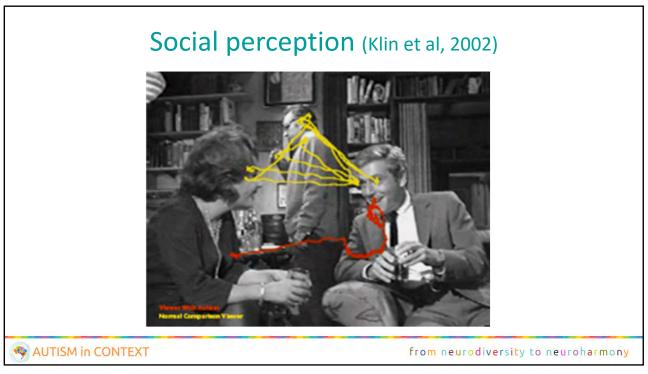
# Relational competence

- Requires more than social skills!
- Social skills are context dependent:
- In social interaction, PERCEPTION is pivotal:
  - Reading the context
  - —It requires that you focus on the "right things"!



from neurodiversity to neuroharmony





# Social skills and social scripts

- People with autism can learn a lot of social scripts and skills...
- But have difficulties with contextual changes (flexibility) (Loth a.o., 2008; 2010)



from neurodiversity to neuroharmony

29

# Loth a.o. (2010)

J Autism Dev Disord DOI 10.1007/s10803-009-0929-7

ORIGINAL PAPER

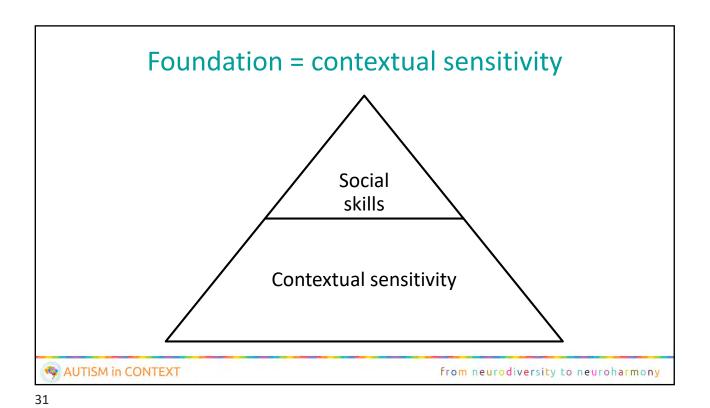
Variety is Not the Spice of Life for People with Autism Spectrum Disorders: Frequency Ratings of Central, Variable and Inappropriate Aspects of Common Real-life Events

Eva Loth · Francesca Happé · Juan Carlos Gómez

- Contextual variations are often seen as central or as fixed rules, even in those who pass high level ToM tests
- e.g. having a dessert when going to a restaurant



from neurodiversity to neuroharmony



# Autistic people do have a Theory of Mind!

Adults with autism perform well even on more advanced tests of Theory of Mind

(Roeyers a.o., 2001; Chevallier a.o., 2010; Spek, 2010; Begeer a.o., 2010)



Reading the Mind in the Eyes

(Baron-Cohen a.o., 1997)

AUTISM in CONTEXT

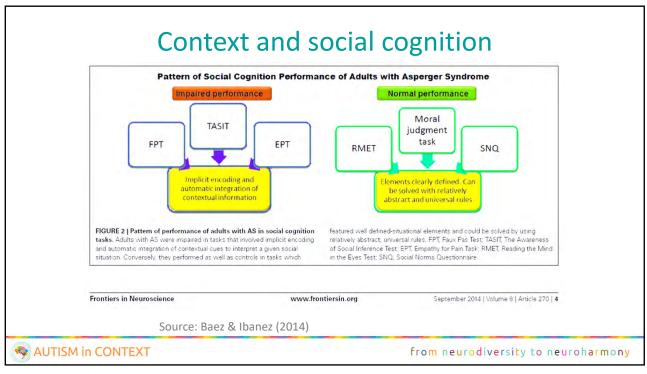
from neurodiversity to neuroharmony

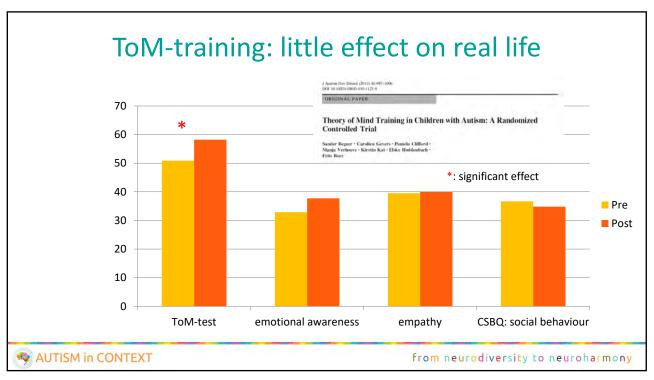
# Context and mind reading

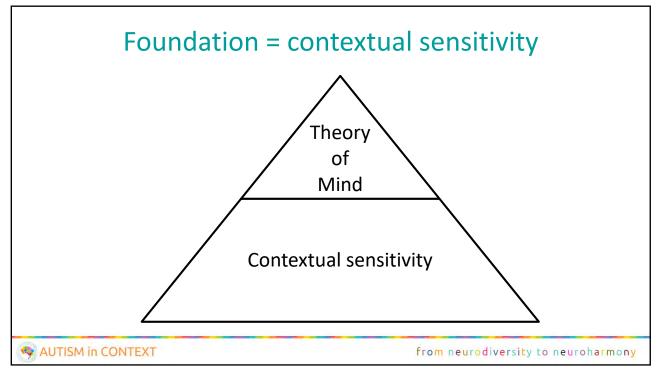
Difference between static and a-contextual (laboratory) tasks and more dynamic, naturalistic, **contextualized** tasks

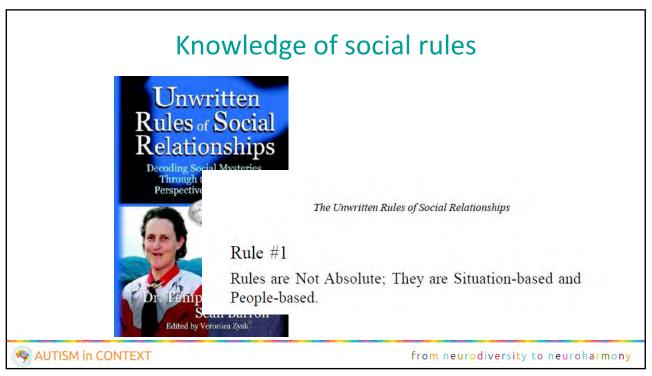


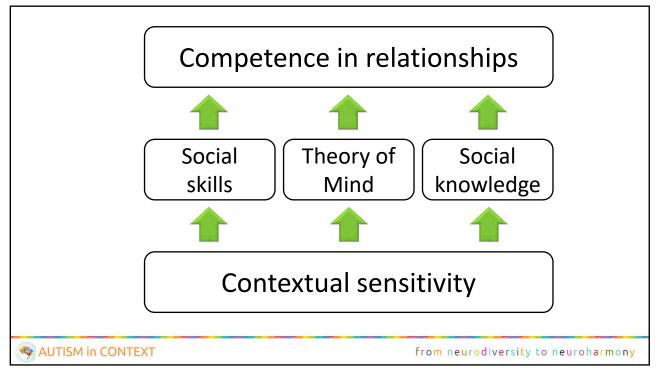
33











# Autism as context blindness

# Context blindness:

Reduced ability to use the context **spontaneously** in understanding and predicting the world





from neurodiversity to neuroharmony

39

# Relationships

# Are a contextually influenced open system

<b>Closed systems</b>	Open systems
If x, then y	If x, then <i>maybe</i> y
Outcome based on	Outcome based on
rules and laws	"many things"

Lawson, J. (2003). Depth Accessibility Difficulties: An alternative conceptualisation of autism spectrum conditions. *J. for the Theory of Social Behaviour 33*(2), 189-202.

AUTISM in CONTEXT

from neurodiversity to neuroharmony

# Closed and open systems

- Closed systems:
  - No contextual influence
  - Context is fixed and static

Input: 2
Operation: add 2
Output: 4

- Open systems:
  - Huge contextual influence
  - Dynamic context (context reacts!)

Input: Peter Vermeulen
Operation: Give a present
Output: ???



from neurodiversity to neuroharmony

41



The concept of "a relationship" is very vague and abstract.

It is not the concepts or words that are difficult (empathy, love, responsibility, ...° but knowing how to put these in practice, taking into account context. There are no absolute rules in relationships, no formula's

Relationships are 1000 times more difficult than math!

AUTISM in CONTEXT

from neurodiversity to neuroharmony

43

# Relations are for an autistic brain

# illogical and unpredictable!

We will have to clarify all those things that are obvious for people who are context sensitive

in a very, very concrete way!



from neurodiversity to neuroharmony

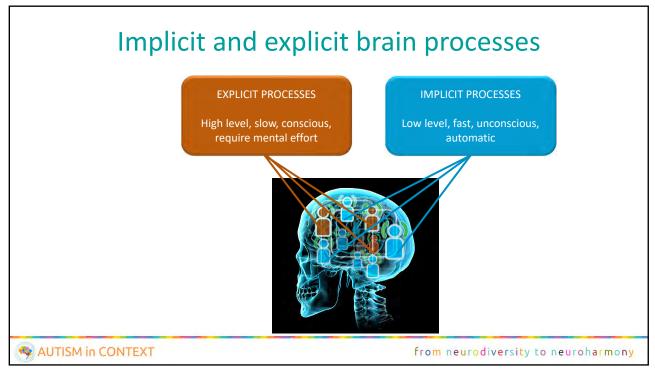
# Success in relationships:

A matter of "good guessing", based on contextual sensitivity

AUTISM in CONTEXT

from neurodiversity to neuroharmony

45





AUTISM in CONTEXT

# We cannot teach the fast, implicit, context sensitive processes

But maybe we can take a (slower) detour...

Giving knowledge



from neurodiversity to neuroharmony

from neurodiversity to neuroharmony

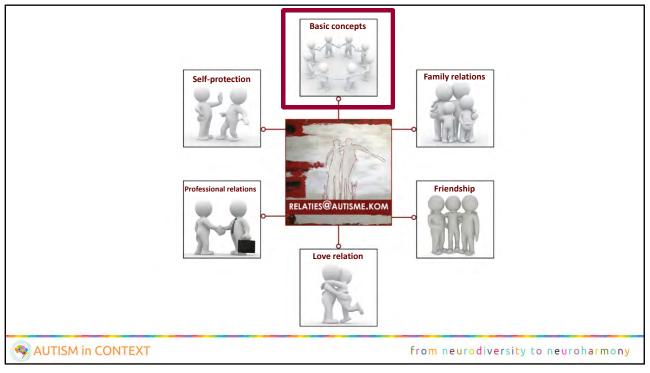
# Knowledge is the basis!!

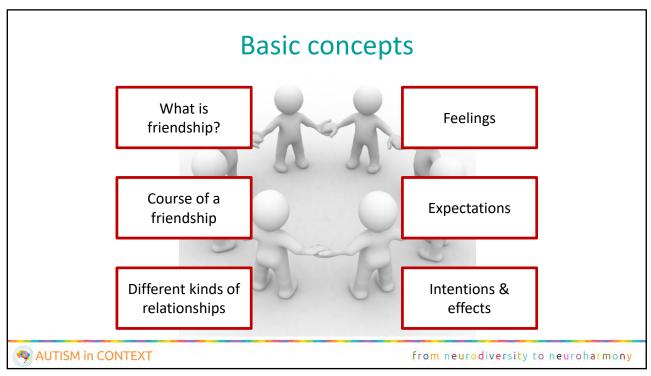
- Clarifying the unwritten laws and rules of friendship
- Clarifying the numerous things that are 'taken for granted' in friendship
- Clarifying those things that are thought to be 'obvious'



from neurodiversity to neuroharmony

49





# Relaties@autisme.kom

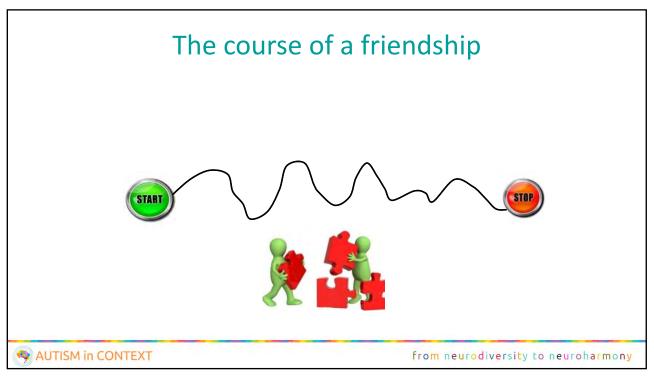
# **Friendship**

- Friendship is the relationship you have with a friend
- A **friend** can be a boy or a girl
- A **friend** can live nearby or far away

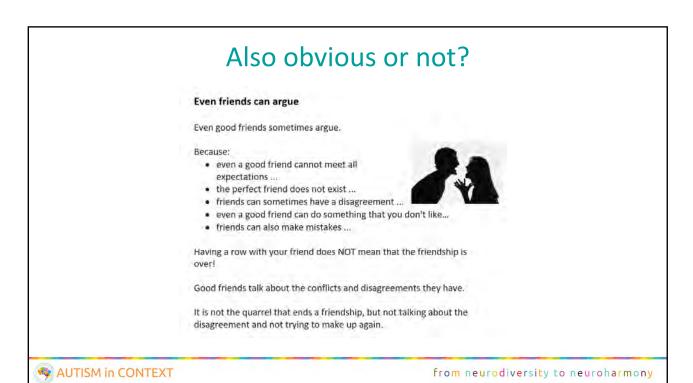


AUTISM in CONTEXT

from neurodiversity to neuroharmony







# Tips for arguing with a friend

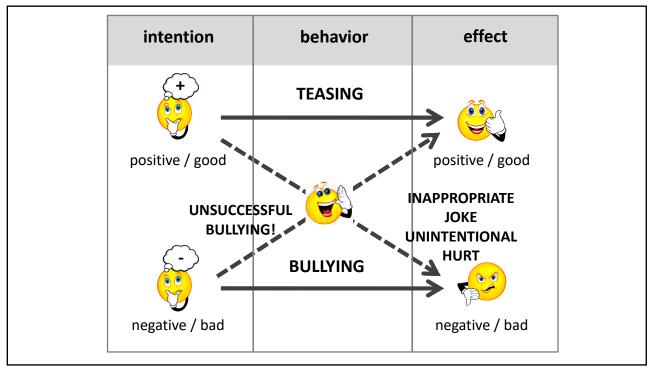
- Give each other sufficient time. Sometimes it can take several days before the contact goes well again.
- Don't force the other person to make up for it.
- Discuss disagreements and conflicts.
- Quarrel usually does not pass by itself. Talking to each other helps to it make amends.
- If talking really doesn't work, you can also write a letter, send an email or send a text message.
- Say to each other: "I'm sorry" or "Sorry."
- If you cannot solve it together, ask someone else for advice: your parents, a confidential advisor, another friend.
- Don't forget to restore the friendship after the row by doing something fun together. This way you show each other that you remain friends despite the row.



from neurodiversity to neuroharmony

# "Mathematicalizing" relationships Make it mathematical and visual and I'll understand it THE FRIENDSHIP ALGORITHM PR. SHELDON COOPER, PH.D PR. S

57



# When teaching concepts

# Make it concrete!!! Contextualize!!!



from neurodiversity to neuroharmony

59

# Contextualize everything you teach!

- In autism, abstraction is even easier than concretization
- When teaching about relationships, make things so concrete that you can 'see' it
  - Concrete in situations (where and when?)
  - Concrete in people (who?)
  - Concrete in behavior (what?)



from neurodiversity to neuroharmony



What are expectations?

### Expectations in a relationship

An expectation = when you think and hope that something will happen.

When you have a relationship with someone, you have expectations towards the other person. You hope that he/she will do certain things for you.

Examples: You hope that your friend will invite you to his party. You hope your father will help you repairing your car.

The other person also has expectations towards you. He/she hopes you will do certain things.

Examples: Your friend hopes that you will come to his party. Your sisters hopes you will be quiet while she's studying.

In a relationship, both sides have expectations.





from neurodiversity to neuroharmony

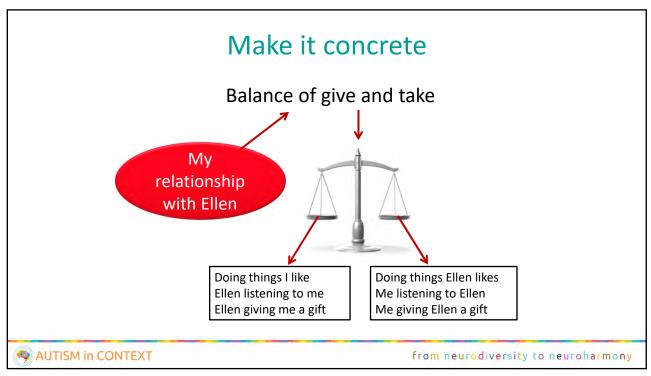
61

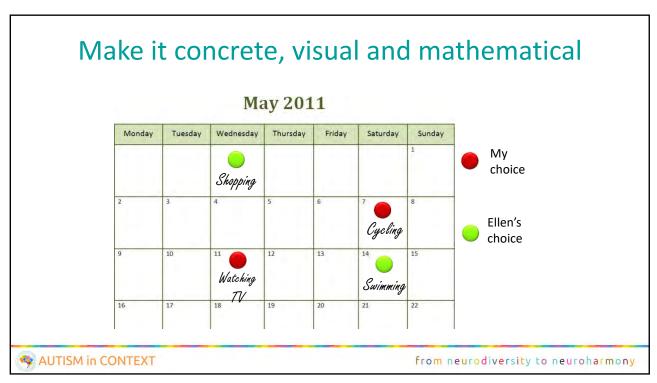
# **Expectations**

- What are expectations?
- What people expect in a relationship
- Different expectations in different relationships



from neurodiversity to neuroharmony





# Don't forget to make it concrete!

Supporting each other

Practical support: helping with homework

Emotional support: listening to each other

AUTISM in CONTEXT

from neurodiversity to neuroharmony

65

# Contextualize

Supporting each other: chores in the household

	Who does it now?		
Chores	l do it	My partner does it	We do it together
Cooking			
Doing the dishes			
Shopping			
Vacuum cleaning			
Dusting			
Financial administration			
Gardening			
Washing clothes			
Ironing			
Taking kids to school			
Helping kids with homework			

AUTISM in CONTEXT

from neurodiversity to neuroharmony

# Not only think sheets or work sheets!

Variation in educational strategies: reading, watching, listening, doing:

- Google images about friendship / relationships
- Watching movies about friendship or relationships (Mary & Max, Mozart & The Whale, ...)
- Making a friendship advertisement



from neurodiversity to neuroharmony

67

# Make it concrete and promote transfer to real context

- Translate the knowledge into practical strategies that can be implemented in real contexts
- Organise friendship activities
- CONTEXTUALIZE!



from neurodiversity to neuroharmony



# Working on connections

- Offering activities that create relatedness
  - Gratitude activities
  - Doing things together
  - Organize social activities

AUTISM in CONTEXT

from neurodiversity to neuroharmony

# Two main sources of friendship

**Shared interest** 

Support and help



from neurodiversity to neuroharmony

71

# Getting and staying connected

- Explain relationships in a very concrete and contextualized way
- Organise bonding activities, just as you would organise other activities
- Teach relationship skills to peers: 'how to relate to an autistic person?'



from neurodiversity to neuroharmony

# Nobody's perfect

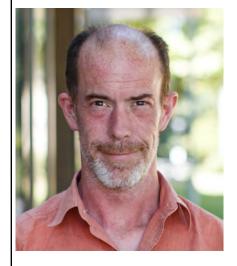
- Allow a margin of error
- "Good enough" relationships
- Teach social skills to the peers / partner
- Teach about "not knowing"

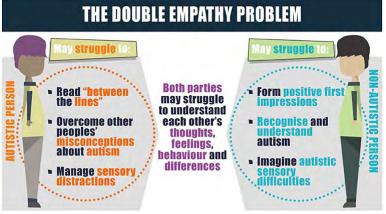


from neurodiversity to neuroharmony

73

# Who needs empathy training?





**Damian Milton** 

# Yes-, no- and doubt-feelings

YES FEELING	NO FEELING	DOUBT FEELING
When something happens that you like	When something happens that you don't like	When something happens and you don't know whether you like it or not
When something happens that makes you feel good	When something happens that makes you feel bad	You don't know if it is good or bad
My example:	My example:	My example:



from neurodiversity to neuroharmony

75

### What can you do when you have a DOUBT-FEELING?



DOUBT-feeling = I don't know if I like it or not what the other person does to me, or what the other person is asking me to do

When you have a DOUBT-feeling:

- Go and find someone you trust
- Talk about what happens / happened

Thinking with 2 people about a situation can help you to find out whether the situation is actually a Yes-situation or a No-situation

Who can you go to to discuss a DOUBT-feeling?

\_\_\_\_\_



AUTISM in CONTEXT

from neurodiversity to neuroharmony

# Socially appropriate = how women do it

Strong focus on "soft social skills":

- Empathy
- Emotional engagement
- Non-confrontational interactions
- Verbality



from neurodiversity to neuroharmony

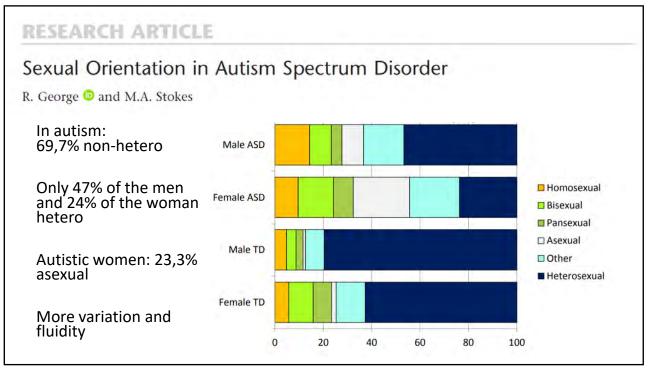
77

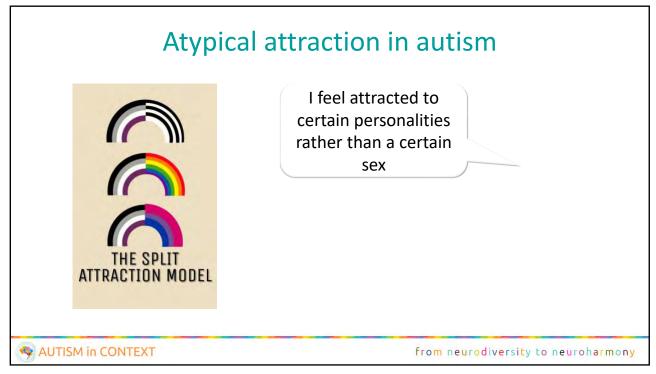
# Teaching relationship skills

- Do not only teach the skills that are traditionally considered to be "nice": teach those skills that are "effective"
- Accept neurodiversity in relationships



from neurodiversity to neuroharmony





# **Accept (neuro)diversity in relationships**



AUTISM in CONTEXT

from neurodiversity to neuroharmony

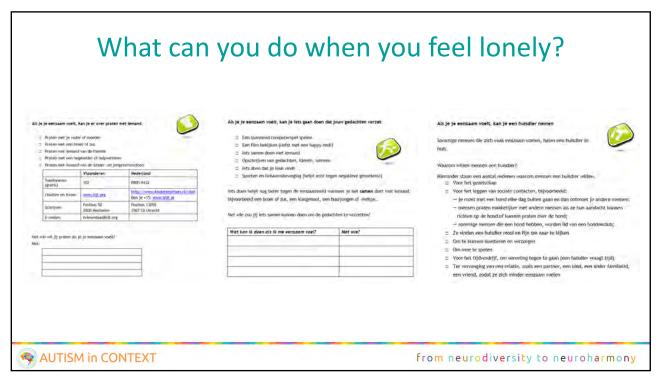
81

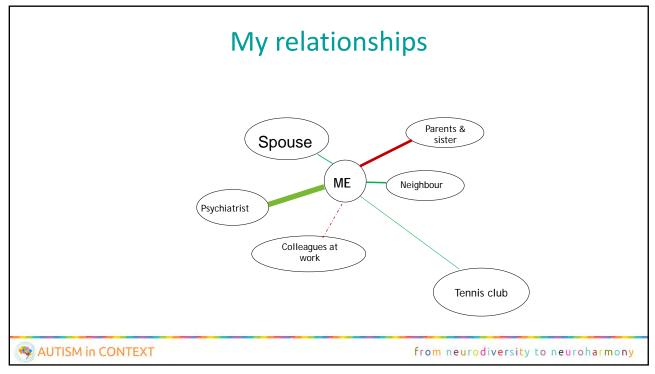
# What if you don't have friends

- Alternatives
- What can you do when you are lonely?
- A pet as friend



AUTISM in CONTEXT







# Getting and staying connected

- Explain relationships in a very concrete and contextualized way
- Organise relationships, just as you would organise other activities
- Teaching relationship skills: don't try to normalize. Teach what is helpful and functional: empowering approach
- Teach social skills to peers: 'how to befriend an autistic person?'

AUTISM in CONTEXT

from neurodiversity to neuroharmony

