

Robots4Autism™ Curriculum Modules

Improve Social Behavior and Communication Skills

Robots4Autism is the first education curriculum to pair evidence-based practices and technology-aided instruction to help learners with autism improve their social skills.

Developed by top autism researchers and practitioners, this curriculum is delivered by a humanoid robot specifically designed to engage and teach students with autism how to understand emotions and expressions and to learn and practice social behavior and responses.

INTRODUCTORY MODULES

Introductory Lessons and Games

Introduction to Milo
Red Light-Green Light
Follow the Leader
Find It
What Did I Do

Calm Down Module

Lesson 1: Introduce Concept of Calm Down and Calm Down Strategies
Lesson 2: Help My Friend Calm Down
Lesson 3: What Do You Use to Calm Down
Calm Down Tool 1 – Take a Break
Calm Down Tool 2 – Take a Breath
Calm Down Tool 3 – Count to 10
Calm Down Tool 4 - Say Words
Calm Down Tool 5 - Squeeze a Stress Ball

Group Activities

Dance Party
What Did I Do?
Topic Recognition

Conversational Modules

Conversational Module 1: Initiation Greetings

Lesson 1: Introduction – Greeting
Lesson 2: Student Practice Lesson – Greetings with the Robot
Lesson 3: When to Greet – When We Have Been Away from Them
Lesson 4: Different Greeting Words (Includes “Hi, Hey, Hello”)
Lesson 5: When to Greet – When to Say “Hi” and When Not to Say “Hi”
Lesson 6: Idiomatic and Colloquial Greetings (What’s Up, How’s It Going, How Are You?)

Conversational Module 2: Leave-Taking

Lesson 1: Introduction – Leave-Taking
Lesson 2: When to use Leave-Taking Skills
Lesson 3: Student Practice Lesson – Initiating Leave-Taking with the Robot
Lesson 4: Different Leave-Taking Words (Includes Bye, Goodbye, See You Later)
Lesson 5: Responding to Other People’s Leave-Taking
Lesson 6: Student Practice Lesson – Responding to Leave-Taking with the Robot

Conversational Module 3: Conversation Dynamics

Lesson 1: Conversation & Conversational Turn-Taking (“One-Sided Conversation”)
Lesson 2: Conversational Turn-Taking (“Two-Sided Conversations: Question-Answer”)
Lesson 3: Nonverbal Components to Conversation (“TLC: Turn, Look, & Check Your Space”)
Lesson 4: One-Sided Conversations with TLC
Lesson 5: Using TLC in More Difficult Conversation – QAC (“Question+Answer+Comment”)
Lesson 6: Topic and Topic Maintenance

Emotional Understanding Modules

Emotional Understanding Module 1: Identifying & Imitating Facial Expressions (Happy/Sad/Angry)

Lesson 1: Introduction
Lesson 2: Identifying & Imitating the Facial Expression for “Happy”
Lesson 3: Identifying & Imitating the Facial Expression for “Sad”
Lesson 4: Discriminating Between 2 Emotions (Happy/Sad) in Still Photos
Lesson 5: Identifying & Imitating the Facial Expression for “Angry”
Lesson 6: Identifying 3 Emotions in Still Photos (Happy/Sad/Angry)
Lesson 7: Identifying Emotion in Videos of Happy/Sad/Angry
Lesson 8: Demonstrating Target Emotion (Happy vs. Sad vs. Angry)

Emotional Understanding Module 2: Identifying & Imitating Facial Expressions (Hurt/Tired/Excited)

- Lesson 1: Introduction
- Lesson 2: Identifying & Imitating the Facial Expression for “Hurt”
- Lesson 3: Identifying & Imitating the Facial Expression for “Tired”
- Lesson 4: Discriminating Between 2 Emotions (Hurt/Tired) in Still Photos
- Lesson 5: Identifying & Imitating the Facial Expression for “Excited”
- Lesson 6: Identifying 3 Emotions in Still Photos (Hurt/Tired/Excited)
- Lesson 7: Identifying Emotion in Videos of Hurt/Tired/Excited
- Lesson 8: Demonstrating Target Emotion (Hurt Vs. Tired Vs. Excited)

Emotional Understanding Module 3: Identifying & Imitating Facial Expressions (Scared/Surprised/Worried)

- Lesson 1: Introduction
- Lesson 2: Identifying & Imitating the Facial Expression for “Scared”
- Lesson 3: Identifying & Imitating the Facial Expression for “Surprised”
- Lesson 4: Discriminating Between 2 Emotions (Scared/Surprised) in Still Photos
- Lesson 5: Identifying & Imitating the Facial Expression for “Worried”
- Lesson 6: Identifying 3 Emotions in Still Photos (Scared/Surprised/Worried)
- Lesson 7: Identifying Emotion in Videos of Scared/Surprised/Worried
- Lesson 8: Demonstrating Target Emotion (Scared vs. Surprised vs. Worried)

Situational Modules

Situational Module 1: Playdates

- Lesson 1: Intro to Playdates
- Lesson 2A: What is a Playdate?
- Lesson 2B: Starting a Playdate – Greeting
- Lesson 3: Starting a Playdate: Choosing an Activity (Host Has First Choice)
- Lesson 4: Playing Together, Sharing Toys
- Lesson 5: When the Guest Makes the First Choice
- Lesson 6: Leave-Taking (When Student is the Host)
- Lesson 7: Leave-Taking (When Student is the Guest)

Situational Module 2: Playdate Problems

- Lesson 1: Being a Good Friend on a Playdate
- Lesson 2: Problem Solving During a Playdate
- Lesson 3: Bored Is a Playdate Problem. What Is Bored?
- Lesson 4: When I Am Bored During a Playdate
- Lesson 5: When My Friend is Bored During a Playdate
- Lesson 6: When I Am Not Ready for a Playdate to Be Finished
- Lesson 7: When I Am Ready for a Playdate to Be Finished at a Friend’s House
- Lesson 8: When I Am Ready for a Playdate to Be Finished at My House

Situational Module 3: Being a Guest at a Birthday Party

- Lesson 1: Intro to Birthday Party
- Lesson 2: Invitations
- Lesson 3: Birthday Party Schedule – Being a Guest
- Lesson 4: The Party Place and Playing at a Birthday Party
- Lesson 5: Giving the Host a Present
- Lesson 6A: Eating at a Birthday Party (Social Story)
- Lesson 6B: Birthday Song
- Lesson 7: Leaving a Birthday Party

Situational Module 4: Being a Host at a Birthday Party

- Lesson 1: Intro to Birthday Party
- Lesson 2: The Party Place and Playing at a Birthday Party
- Lesson 3: Invitations
- Lesson 4: Birthday Party Schedule – Being a Host
- Lesson 5: Receiving Presents from Guests
- Lesson 6A: Eating at a Birthday Party (Social Story)
- Lesson 6B: Birthday Song
- Lesson 7: When Guests Leave

Situational Module 5: Opening Gifts

- Lesson 1: Understanding the Words “Gift” and “Present”
- Lesson 2: Polite Behavior for Receiving Gifts
- Lesson 3: Routine for Opening Gifts in a Group
- Lesson 4: Polite Behavior When Opening Gifts



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To learn more about Robots4Autism, please visit www.robots4autism.com or call 800-494-1206.

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