

Robots4Autism™ Curriculum Modules

Improve social behavior and communication skills

Robots4Autism is an innovation curriculum that pairs evidence-based practices and technology-aided instruction to help students with autism improve their social skills.

Developed by top autism experts from the Autism Treatment Center of Dallas and the Callier Center for Communication Disorders at University of Texas–Dallas, this research-based curriculum that is delivered by a human-like robot was specifically designed to teach elementary and middle school age students with autism the understanding and meaning of emotions and expressions and to practice appropriate social behavior and responses.

INTRODUCTORY MODULES

Introductory Lessons and Games

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

Calm Down Module

Lesson 1: Introduce Concept of Calm Down and Calm Down Strategies
Lesson 2: Help My Friend Calm Down
Calm Down Tool 1 – Count to 10
Calm Down Tool 2 – Take a Breath
Calm Down Tool 3 – Take a Break

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 and 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, and 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 and Imitating Facial Expressions (happy/sad/angry)

Lesson 1: Introduction
Lesson 2: Identifying and Imitating the Facial Expression for “Happy”
Lesson 3: Identifying and Imitating the Facial Expression for “Sad”
Lesson 4: Discriminating Between 2 emotions (Happy/Sad) in Still Photos
Lesson 5: Identifying and 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 and Imitating Facial Expressions (Hurt/Tired/Excited)

- Lesson 1: Introduction
- Lesson 2: Identifying and Imitating the Facial Expression for “Hurt”
- Lesson 3: Identifying and Imitating the facial Expression for “Tired”
- Lesson 4: Discriminating Between 2 Emotions (Hurt/Tired) in Still Photos
- Lesson 5: Identifying and 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 and Imitating Facial Expressions (Scared/Surprised/Worried)

- Lesson 1: Introduction
- Lesson 2: Identifying and Imitating the Facial Expression for “Scared”
- Lesson 3: Identifying and Imitating the Facial Expression for “Surprised”
- Lesson 4: Discriminating Between 2 Emotions (scared/surprised) in Still Photos
- Lesson 5: Identifying and 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 2: What is a Playdate?
- Lesson 3: Starting a Playdate: Greeting
- Lesson 4: Starting a Playdate: Choosing an Activity (Host has First Choice)
- Lesson 5: Playing Together, Sharing Toys
- Lesson 6: Making Activity Choices
- Lesson 7: Leave-Taking (When Student is the Host)
- Lesson 8: Leave-Taking (When Student is the Guest)
- Lesson 9: Practice Leave-Taking (When Student is Host)
- Lesson 10: Practice Leave-Taking (When Student is 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: Invitations
- Lesson 3: Birthday Party Schedule—Being a Host
- Lesson 4: The Party Place and Playing at a Birthday Party
- 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: Introduction (When Do We Get Presents?)
- Lesson 2: Receiving a Gift
- Lesson 3: Opening Gifts
- Lesson 4: Opening Gifts – Student Practice



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