

TECH TOOLS, A DEVELOPMENTAL TECHNOLOGY LIBRARY CATALOG

A program of United Cerebral Palsy of Nebraska

Host Site: Madonna Rehabilitation Hospital Lincoln Campus





Introduction:

Play is an essential component of growing up. As children engage in play, they practice and master specific physical, psycho-social, emotional, and creative skills necessary for understanding and interacting with the world around them.

The **Tech Tools, A Developmental Technology Library** allows individuals of all ages and abilities to explore the world of play and participate more independently within their environment, at home, or at school.

Tech Tools is a unique program offered through <u>United Cerebral Palsy of Nebraska</u>. The lending library consists of sophisticated augmentative technology and devices for individuals with a special need. These adapted toys and devices are loaned to families, professionals and other care providers at no cost.

In this catalog you will find a description of each item in the library at Madonna. Listed below are categories and generalized types of items:

Adapted Toys (Switch Required) Leisure/Recreation

Adapted Toys (Non-Switch) Sensory

Adapted Supports Switches

Communication Devices Therapeutic Listening System

FAQ: Why are these libraries needed?

Market prices of adapted toys and devices can be 3-5x that of normal toys, placing additional financial burden on families/guardians already navigating inordinate care-related costs. Given children's quickly changing interests and these high costs, people with disabilities tend not to have adequate access to them for play, inclusion and independence. Items are available on loan so they can be tested before a costly purchase.

Adapted Toys (Switch Required)

Musical Ten. This switch activated to washes and swins			
UCP 00739	Musical Top	This switch activated toy makes noise and spins as a train rambles along the track. Good for sensory stimulation, attention and cause and effect!	
UCP 01295	Hi Ho Cherry-O	Includes a game board equipped with two switch plates and two external jacks to accommodate Push the red switch plate to pick a cherry off the tree and hear a tone. Push the blue switch and a cherry goes back on the tree and a different tone sounds. Activate the game's spinner by pressing its rim or using a switch. (Spinner is missing) Note: Can be used with or without a switch.	
UCP 01334 UCP 01335	Crayola Daisy Doodle with Wireless Switch	Choose a pen, select a pattern and get Doodle Daisy busy. Decorate a drawing with stamper boots, stencil hat and 5 pens, included.	
UCP 01367	Rainforest Waterfall	Activate a capability switch and colorful lights slowly turn on and off while rainforest pals play peek-a-boo and move about in the leaves. Great for increasing visual attention and tracking.	
UCP 01429	Octopus Bubble Party Machine	The octopus' head bobbles and wiggles while its eight rotating tentacle wands swivel round and round releasing endless bubble fun.	
UCP 01648	Dora the Explorer Bubble Blower	Use a capability switch to activate Dora and have tons of fun with all the bubbles! Note: Can be used with or without a switch.	

UCP 01551	Push and See Giraffe	Activate a capability switch to hear fun sounds and tunes. Great for teaching cause and effect, promoting eye-hand coordination and increasing fine motor skills.
UCP 01630	Bingo	Activate a capability switch and the cage rotates and a number pops out into the tray. Great for number matching and enhancing scanning skills.
UCP 00636 UCP 01254	Adapted Battery Operated Scissors	These switch-adapted scissors are easy to use and make craft activities and other participation possible for even the most profoundly impaired. AA alkaline batteries required. Note: Can be used with or without a switch.

Adapted Toys (Non-Switch)

raupted Toys (11011 Switch)		
UCP0748	Dome Alone	Users will love to watch the bright confetti-like objects dance around. A splendid tempest of music, color and light.
UCP 00713	Jumpy Crab	Sound activated and battery activated toy
UCP 00681 UCP 00701	Bubble Busy Box	Push the brightly colored buttons or tug on the pull ball switches to activate vibration, lights or music. Great for developing eye-hand coordination, fine motor skills and gross arm movements.

UCP 5.030	Blue Busy Box	Activate vibration and music with this busy box. Develops eye-hand coordination, fine motor skills and gross arm movements.
UCP 01239	Explore-A-Center	This multisensory activity center encourages parallel play. Features eight different activities which teach cause and effect that offer lights, music and vibration.
UCP 00190	Talking Containerizing Toy	A pre-recorded 20 second message will play whenever a shape hits the bottom of the tube.
UCP 00686	Magnetic Color Cubes	Opportunity for endless patterns and designs. 100 Wooden ½" cubes in beautiful lustrous colors allow the creative edge to flourish.
UCP 00694	Foam Tractor Puzzle	Great for color and shape recognition. Lightweight puzzle consists of chunky pieces in different colors.
UCP0688	Puzzle Pillar	Four piece puzzle in primary colors with textures. It rewards the user with lights, music or vibration when each piece is correctly put in place.
UCP 01369	Acrylic Numbers	Teach basic visual skills! These can assist in the instruction of eye-hand coordination, visual discrimination, and visual perceptual skills.

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UCP 01371	Acrylic Letters hat VCROISTI	Teach basic visual skills! These can assist in the instruction of eye-hand coordination, visual discrimination, and visual perceptual skills.
UCP 01358	Lighted Musical Butterfly	The user will be mesmerized watching this purple butterfly light up as it sits atop a colorful spinning carousel. As it spins, it serenades with six soothing melodies. Offers an enchanting tactile and auditory experience.
UCP 00667	Twinkle Twinkle Playing Shaker Tube	Plays the song "Twinkle Twinkle Little Star" while enjoying an arrangement of colors and shapes inside the tube. Great for visual, auditory and physical stimulation.
UCP 00386	Creative Minds Figurine Set Friends with Diverse Disabilities	Includes 6 figurine dolls of various appearances and ages to reflect the real world for more inclusive play.
UCP 00296	Tomy Hide-n-Squeak Eggs	Crack open the shells to reveal six egg-straw special colored chicks. Users can learn shapes by sorting each shell into its own carton spot. Press down gently on their heads to hear them Cheep!
UCP 00383	Ha Ha Button	From quick and rapid laughing to a cute giggle, offers eleven different phrases in all, spoken with different voices and different moods, so there's the perfect laugh for any situation.

Adapted Supports

	KidTRAC Trackball	Extra large buttons - easy to find and click. The
UCP 00651 UCP 01308		large, high-density ball and the shape of the case act as a natural hand rest that mirrors the contour of the hand. Ambidextrous feature accommodates both right and left hands of all sizes. No need to move your arm or rotate your wrist from side to side.
UCP 01269	Red Joystick	Computer mouse maneuvering is now easier with this joystick! Attach to your computer and experience easier navigation.
UCP 01381	Adjustable Screen Stylus	Helps users with limited dexterity to use touch- screen devices quickly and accurately.
UCP 01548	EZ See Large Print Keyboard	This large button keyboard is high quality and is perfect for all low vision computer users. Large lettering is available, attractive, low profile key design, large bold legends, high quality switch technology, gentle key bounce force and USB connection.
UCP 00683	Prop It: Speech Therapy Tool Kit	This book rest/easel is recommended for visually challenged individuals and other users who may need close proximity to reading and writing materials. Using this product promotes an erect head and trunk and encourages optimal eye gaze, which can be especially beneficial when a user is oriented back in space.
UCP 00753	Transfer Pivot Disk	This object rotates and spins. Can be used to place toys on for a fun experience or to be used for transferring.
UCP 01302	Stay Put Easel	Clamp this easel to a lap tray or tabletop to keep valuable devices like switches, communicators and toys secure by attaching them to the super-strong velcro strips on the easel.
UCP 01361	Slant Board	Perfect for assisting with handwriting training. Encourages proper wrist position for improved form in handwriting. Promotes better functional postural position and stability.

	Smart Dhana Holder and Mounting System	Mount is great for the norsen who needs
UCP 01376	Smart Phone Holder and Mounting System	Mount is great for the person who needs special physical placement. The mounting system easily attaches to a wheelchair, tabletop, bedrail or tray. Holder is compatible with most smart phones including iPhone and Android.
UCP 01378	Tablet Holder with Mount	The mounting system easily attaches to a wheelchair, tabletop, bedrail or tray. Holder is compatible with most tablets and ebook readers including iPad mini, Kindle, Kindle Fire, Nook, Motorola Xoom, Samsung Galaxy Tablet, Asus Transformer and similar tablets.
UCP 01384	Powerlink 3 Control Unit	An environmental control unit that allows the user to operate small electrical appliances through switch access. The control unit has two double outlets and is durable, portable, and meets rigorous safety standards. (Use AirLink Cordless Switch located in Switches Section).
UCP 00195	Mother's Third Arm with Pillow Switch	An adjustable arm with a switch attachment that can be used by children and adults with limited arm strength and mobility. Can be clapped to any surface up to 2½ inches thick while the Pillow Switch can be adjusted to accommodate the user's needs. It can be attached to wheelchairs, tabletops, strollers or chairs.

Communication Devices

UCP 00639 UCP 00922	Cheap Talk 4-Direct / Scan with Jacks	A speech generating device that can record and playback four different messages of up to 5 seconds each. Can be activated through the use of direct selection by pressing one of four squares or one to four external switches, through the use of single or dual switch scanning.
UCP 01239	Cheap Talk 4 Direct with Jacks	Great for providing communication and cognitive support, as well as enhancing and developing expressive and receptive behavior in adults. Users activate messages by pressing the corresponding square.

UCP 00781	Smart Talk 4 with Jacks	Great for providing communication and cognitive support, as well as enhancing and developing expressive and receptive behavior in adults. Users activate messages by pressing the corresponding square.
UCP 01246	Cheap Talk 8 1-Level Communicator	Can be activated by pressing one of eight message squares and has a total record time of 300 seconds. Ideal for the development of receptive and expressive language skills.
UCP 01247 UCP 04024	Twin Talk & Play Communicator	Can be used to request attention, communicate needs and is appropriate for all ages. Designed to be used as a precursor, trainer and also to make simple choices, sing a song, make sound effects, participate in games and more. Allows the user to record, playback and rerecord two 10 second messages.
UCP 00655	GO Talk 9+	Nine programable buttons allow the user to personalize each level with pictures and vocal recordings. A great device for users learning to associate words with objects.
UCP 00656	Go Talk 4+	A lightweight and portable communication tool, includes 4.5 minutes of recording time with a 22-message capacity. Four three square keys, five recording levels and two core message keys remain constant and make recording back easy.
UCP 00704	Grooved Platform Communicator	Terrific for helping learners to identify objects and their names. Has platforms where objects and/or pictures can be placed. When users press the switch plate that corresponds to the appropriate object or photo, a 5-second message plays and lights turn on.
UCP 01303	Talkable II Communicator	A compact visual message communicator which allows for simple communication. Features two messages recording, two output jacks, easy single message recording.

UCP 01340

8 Way Communicator

This communicator is able to record eight different sounds but can only be activated by 2 buttons at a time. Useful for having multiple options for communication.

Leisure/Recreation

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Sensory

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UCP 00652	Wobble Cushion	This spikey tactile cushion is great for users that need a little more sensory input throughout the day. It's fun to sit on and move around on!
UCP 00289	Jelly Pad	Jelly pad are sensory tactile and can be used in many ways.

Switches



UCP 00643	Wobble Switch	A popular choice for users who lack the upper extremity control necessary for other types of switches, wobbles can be activated by any gross motor movement that swipes its lever.
UCP 00653	Gumdrop Switch	The Gumdrop switch is a light weight and compact device which can be positioned anywhere on the body.
UCP 00654	Grip & Puff Switch	Dual purpose sensitive switch! Activated by slightly squeezing the vinyl grip.
UCP 00710 UCP 00727	Oval Textured Switch	This brightly colored switch has texture making it pleasing to all users. The large yellow button makes it very easy to press. Has options of switch, latch and time.
UCP 00711	Small Switch (2 in 1 Switch)	This switch is smaller and can be more discretely placed. Good for fine motor skills.
UCP 00714	Red with Yellow Switch	Positioned at an angle, making it easier to press and see for some individuals.
UCP 00715	Red Wrench Switch	This is a lever switch with a protruding flat vinyl-covered metal lever. Any flexion of the leaf activates the switch.

	Pinch Switch	Great for teaching prehension skills! Activated by even the slightest pressure.
UCP 01279		
	Roller Switch	Activated by rolling over the top of the wood piece. In addition to a switch, this can be used as a cause and effect toy because it makes
UCP 00716		sound when the user rolls the wooden piece.
	Biofeedback Pressure Switch	Excellent for retaining the neuromuscular system. Designed to respond to 1-50 pounds of pressure. Choose a tone or music when
UCP 00717		correct pressure is applied. Or switch the sound to play when the weight is removed. Use as a switch when attached to a toy or other device.
	Universal Sensor Switch	Can be sued to operate one or two devices. Position the sensors wherever the user has the most control. The sensor switch is activated by
UCP 00718	00718	the slightest movement; the sensitivity can be easily adjusted in-order to change the amount of movement needed for activation.
	Air Cushion Switch	Sensitive pediatric assistive technology switch that fits in most hands. Slip it over the users hand and grasp it, or roll it on a tray or tabletop
UCP 00719		to use the switch to activate any device or toy.
	Plate Switch	Ergonomically designed to respond to even the gentlest touch, this brightly-colored plate switch will give users the power to control toys and
UCP 00708 UCP 00728		devices independently.

UCP 00734	Sensi-Ball Switch	Heightens sensory awareness! This tactile and visually stimulating switch provides a wonderful somatosensory experience when activating any toy or device.
UCP 01304	Adjustable Angle Switch	A fantastic, adjustable 5" switch that allows the user to set the angle from 32 degrees to 90 degrees for easy access.
UCP 01306	Finger Isolation Button	This recessed button encourages isolated touch and is designed to help the user gain motor skills which are necessary for mastering computer keyboards and touch screen devices.
UCP 01311	On/Off Jumbo Switch (Yellow)	This bright yellow Jumbo Switch is easy to use and just right for people unable to sustain hand pressure over time. Simply press the switch once to turn on the device and press it again to turn it off. Comes with a free plastic cover.
UCP 01379	Ultimate Switch	The most universal, versatile, multi-faceted switch. Designed for use by even the most profoundly physically or neurologically challenged individuals. It requires only the slightest touch for activation.
UCP 01383 UCP 01385	Airlink Cordless Switch	A touch switch designed for use by individuals with upper extremity disabilities. Used without a cord, it can be used to remotely activate appliances, toys, etc. from a distance of 20 feet. It is used with the Power 3 Environmental Control Unit. (See Adapted Supports Section for Powerlink 3 Control Unit)
UCP 01284	Gumball Switch (Purple)	This switch is versatile and durable. Small enough to be easily mounted anywhere. Provides tactile and audible feedback.

UCP 00331 UCP 00333	Gumball Switch (Blue)	Recognized for their high quality and dependability, these best-selling switches feature a 2½" activation surface. Provides extraordinary tactile and audible feedback. Comes with two plastic covers – one with a lip, one without.
UCP 02380	Gumball Switch (Yellow)	Recognized for their high quality and dependability, these best-selling switches feature a 2½" activation surface. Provides extraordinary tactile and audible feedback. Comes with two plastic covers – one with a lip, one without.
UCP 01322	Mini Gumball Switch (Purple)	A smaller version of the Gumball Switch, the "minis" share the same incomparable tactile and auditory feedback, versatility and durability as their big siblings, but their smaller size means they can be mounted almost anywhere. Their bases have three holes for easy mounting and a removable mounting plate.
UCP 01322	Mini Gumball Switch (Yellow)	A smaller version of the Gumball Switch, the "minis" share the same incomparable tactile and auditory feedback, versatility and durability as their big siblings, but their smaller size means they can be mounted almost anywhere. Their bases have three holes for easy mounting and a removable mounting plate.

Therapeutic Listening System

UCP 01562 UCP 02379	SanDisk Player	Therapeutic Listening is an evidence-based auditory intervention intended to support individuals who experience challenges with sensory processing dysfunction, listening, attention, and communication.
UCP 00137 UCP 00138	Sennheiser HeadPhones	Accompanies ScanDisk Player
UCP 00139		
UCP 00140		
UCP 01566		
UCP 01567		

		Elements of Music: - Familiar children's songs, voice accompanied by piano, guitar, and flute
UCP 01572 UCP 01576	Rhythm & Rhyme Modified Chip	Clinical Applications: Sensory modulation difficulties Facilitation of core activation Promotion of vocalizations, singing, and phonological awareness
UCP 01573	More Mozart for Modulation Modified Chip	Elements of Music: Featuring piano, violin, flute, harp and cello Supports organized body movement Invites attention outwards Clinical Applications: Used late in listening program when sensory modulation issues have improved Refinement of connection and social-turn taking
UCP 01574	Mozart Strings #1 Modified Chip	Elements of Music: Three Mozart string quartets, two violins, viola and cello. Short melodic phrases Clinical Applications: Used late in a listening program when sensory modulation issues have improved. Refinement of modulation, attention, academics and pragmatics Enhances auditory discrimination in complex environments
UCP 01577 UCP 01578	Early Mozart Modified Chip	Elements of Music: Mozart's earlier work, composed at age thirteen Small orchestra Clinical Applications: Sensory modulation difficulties Improving overall regulation of arousal and mood Increases social connectedness and reciprocity Encourages a calm, quiet-alert state
UCP 01579 UCP 01580	Nature Pop Modified Chip	Elements of Music: Familiar music selections interwoven with nature sounds Voice accompanied by strings, piano, flute, woodwinds, percussion and nature sounds Very rhythmical Clinical Applications: Poor spatial awareness and organization Core activation & Sensory Modulation
UCP 01582 UCP 01583	Pop Tunes Modified Chip	Elements of Music: Guitar, drums, bass, keyboard Electronic effects provide novelty to capture and retain attention Powerful rhythms in techno, rock, and slow beats ignite and support movement through variety Clinical Applications: Postural activation Energizing Increased affective expression Supports motor planning, bilateral integration and praxis
UCP 01586	Baroque for Modulation Modified Chip	Elements of music: Chamber orchestra and flute Clinical Applications: Postural, core and breath activation

UCP 01587	Bach for Modulation Modified Chip	Elements of Music: Violin, cello, harpsichord, orchestra Weaves between fast and slow tempos Clinical Applications: Used later in a listening program when sensory modulation issues have improved Refinement of postural, core and breath activation Refinement of attention and receptive learning (i.e. spelling, vocabulary, facts)
UCP 01588	Vivaldi for Modulation Modified Chip	Elements of Music: Concerto and full orchestra Fast-slow-fast tempo (60 beats/minute) Fast rhythms capture and maintain attention Clinical Applications: Refinement of sensory modulation and postural activation Difficulty discriminating background/foreground sounds Sensitivity to sounds in higher frequency range, including speech Refinement of attention, language, and academic skills
UCP 01589	Easy Listening Modified Chip	Elements of Music: Soft familiar rhythms Clinical Applications: Improves concentration Regulates sleep patterns
UCP 01590 UCP 01591	Easy Space Modified Chip	Elements of Music: Nature sounds and acoustic instruments enhance spatial qualities and perception Easy rhythmic structure Clinical Applications: Gentle introduction to the spatial surround Sensory modulation and over-responsive to low frequency sound sensitivities (vacuum, blender, lawn mower, etc.)
UCP 01592 UCP 02376	Disc Ease 1 Chip	Elements of Music: • Music suitable for younger listeners • Appropriate starting place for listeners with sensory modulation, including hypersensitivity to sound, movement and/or touch Clinical Applications: • Promotes sensory processing
UCP 01594	Disc Ease 3 Chip	Elements of Music: Soft new-age type music with open ocean, wild dolphin and whale sounds Clinical Applications: Beneficial for modulation difficulties
UCP 01595	Disc Ease 4 Chip	Elements of Music: Contains open ocean, wild dolphin, whale songs, natural crickets and encoded music Clinical Applications: Good for poor spatial awareness and organization

UCP 01596	Grape Jamz Modified Chip	Elements of Music: - 2 percussionists, bass, guitar, piano, woodwinds - Basic familiar melodies with improvisation
	Grape vaniz mounieu omp	Clinical Applications: - Postural organization and core activation -Basic timing, Auditory-motor integration
UCP 01598	Apricot Jamz Modified Chip	Elements of Music: Familiar musical selections revolving around jungle themes Percussion and drums reinforce sound patterns Clinical Applications: Sensory modulation Promotion of bilateral integration, timing, and sequencing Facilitation of auditory-motor integration, postural organization, and core activation
UCP 01568 UCP 01569	Spanish Peach Jamz Modified Chip	Elements of Music Familiar children's songs in Spanish Gentle voice accompanied by piano, guitar, and cello Enhances body awareness and grounding for place in space Clinical Applications: Sensory modulation difficulties Opens windows for vocalizations, emotional tone, and connectedness Promotion of body-voice connection with expression of physical "me" Facilitation of core activation
UCP 02377	Peach Jamz Modified Chip	Elements of Music: - Familiar children's songs - Gentle voice accompanied by piano, guitar and cello - Enhances body awareness and grounding for place in space Clinical Applications: - Sensory modulation difficulties - Opens windows for vocalizations, emotional tone, and
UCP 02378	Razzberry Jamz Modified Chip	connectedness Elements of Music: Classic children's songs that appeal to a wide age range Broad range of harmonics Shifting rhythms and jazzy improvisations Clinical Applications: Encourages engagement and sensory modulation Elicits a wide array of social expression and interaction Supports core movement patterns necessary for motor planning
UCP 01597	Strawberry Jamz Modified Chip	Elements of Music: Classic and contemporary children's songs Voice accompanied by strings, piano, flute, woodwinds, percussion, and nature sounds Attention and foster connection and communication Clinical Applications: Core activation with emotional tone Language/communication skills Sensory modulation
UCP 01600 UCP 01601	Surf Jamz Modified Chip	Elements of Music: - Surf genre music with guitars (electric, rhythm, acoustic), keyboard, drums Clinical Applications: - Sensory modulation - Refinement of timing and sequencing - Good initial selection for teenager

		Elements of Music: Varied rhythm of slow and lively dance movements Uses thirteen wind instruments (clarinet, oboe, bassoon, double bass, basset horn)
UCP 01581	Nature Winds Modified Chip	Clinical Applications: Poor special awareness Refinement of breath with movement once core is established Sustains attention and focus

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