TECH TOOLS, A DEVELOPMENTAL TECHNOLOGY LIBRARY CATALOG

A program of United Cerebral Palsy of Nebraska

Host Site: Family Physical Therapy at Fountain Point





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 located in Family Physical Therapy at Fountain Point. 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)

Switch Adapted Explore 'N Grow Busy Gears	A switch adapted musical light up toy. With capability switch the colorful gears spins and swirl, with fun music, twinkling lights and lots of giggles in the background! This toy helps encourage development of Fine Motor Skills, Cognitive Learning and Sensory Development.
Fish & Glow Spinner	Teaching cause and effect is easy with this cheerful and visually appealing toy. Just press a capability switch to hear lively music, see swirling colors and watch three little goldfish spin around in their bowl. Encourages visual attention and listening skills.
Racing Around	Vroom, vroom! Race car lovers will be captivated watching these three colorful cars on springs, bounce and spin while music and race car sounds play. Just activate a switch and let the race begin! Great for teaching cause and effect and promoting visual attention. Three removable cars included.
Dance and Move BeatBo	Activate any one of the colorful switches on Beatbo's base and he breaks into disco mode. Beatbo's tummy lights up with multicolor LEDs, while he moves his hips and nods his head to the music. A fun and versatile toy that teaches letters, numbers, colors, cause and effect and more, Beatbo can be used in three modes—dancing, learning & games and record-a-phrase.
Sound Pillow	Has four sound choices; music, water, white noise and heartbeat. Remove the sound machine from the pillow, select a sound choice and attach a switch. Replace the machine and now the user can turn the sound on and off. Pillow has two-speed vibration and is covered with a soft, comfortable corduroy fabric. Sound machine has a 15-minute auto timer shut off.
Cool Beats Penguin	This penguin teaches letters, numbers, colors and opposites through more than 80 ten-second songs and phrases. Push on one foot and he sings about colors and opposites. Push the other foot for songs about letters and numbers. When activated, he flaps his flippers, rocks back and forth, and his belly lights up with different colors. Includes an on/off switch with volume control. Interacts with Smooth Moves Sloth #02625 Note: Works with or without a capability switch
Smooth Moves Sloth	Lights, sounds and songs play while Smooth Moves' head bobs from side to side. Activate your capability switches to get the fun started. 85 songs and phrases help introduce counting and colors. Works with or without a switch. Interacts with Cool Beats Penguin #02488 Note: Works with or without a capability switch
	Fish & Glow Spinner Racing Around Dance and Move BeatBo Sound Pillow Cool Beats Penguin

UCP 00487	Clubhouse Fun Mickey	Mickey sings the "Hot Dog" song and four fun phrases when the user activates a capability switch. Mickey's T-shirt graphic lights up. Comes with a stand for easy play.
UCP 02271	Aqua Dome	This unique device uses water, lights and music to create a soothing, multisensory experience. To operate, activate a capability switch and observe a soft rainbow of changing lights glimmering through gently flowing water. Optional calming music completes the experience!
UCP 00345	Carnival Tube	It's a magical combination of sound and color that will captivate the young and old. Watch and listen as a rainbow of multi-colored beads and lights cascade through the tube. Great for encouraging reaching, swiping and grasping. Note: Works with or without a capability switch
UCP 02643	LED Fan	Stay cool and be entertained with this extraordinary adapted fan that's also a light show! With just the push of the button, the fan's LED lights create more than 30 different color patterns. Two suction cups hold the fan in place. Note: Works with or without a capability switch.
UCP 00352	Bladeless Fan	Provides a cooling breeze without the use of any blades. The portable fan includes a cooling sponge that can be dampened and inserted in the fan to activate the cool breeze feature. Note: Works with or without a capability switch
UCP 02490	Lights and Sounds Stacker	So much learning packed into one stacking toy—and in English and Spanish! Stack this toy's three colorful rings or press on the duck's head or one of three switches to make lights dance and music play! This cute little duck plays songs, animal sounds, and teaches ABCs and 123. Note: Works with or without three capability switches
UCP 02622	Ring Around Bells	Using the attached yellow switch, users make its colorful bells twirl and play the musical scale. You can also use a separate capability switch to activate it or twirl the toy's bells by hand. Ring Around Bells encourages listening, grasping and increases eye hand coordination.

UCP 02641	Sky High Fubbles Bubble Machine	Get ready to dance and play under a cloud of bubbles! The Sky-High Bubble Machine uses seven bubble wands to create tons of bubbles that fly up in the air and gently float down. Just fill the reservoir on the top of the machine and push the button of a capability switch and watch the fun begin.
UCP 00426	Musical Light Box (Red)	This multi-purpose box can be used as a bright backlight for tracing or as a light source for people with visual impairments. Increases visual attention and is great for working on pre-writing and writing skills. Note: can be used with or without a capability switch.

Adapted Toys (Non-Switch)

UCP 00343	Mini Multi-Colored Bead Chain	This popular bead chain has a unique design for users who can reach through to the base. When a hand passes over the light sensor, a red light blinks and music plays. This provides wonderful visual auditory and tactile experiences.
UCP 00299	Hide-n-Squeak Eggs	This interactive squeak toy contains six colorful squeaking eggs for kids to play with. The colored chicks chirp when their heads are pressed down. Helps improve memory, recognition of colors, shapes and sorting.
UCP 02722	Bilingual Musical Cow	This interactive cow toy promotes crawling and walking, helping develop gross motor skills as they explore and interact with it. Bilingual play and volume control.
UCP 02723	Dottie the Fine Motor Cow	Dottie is ready for fine-motor fun! Build hand strength, twister grasp, and other fine motor skills. No pieces to lose - pop them in, pull them out!
UCP 02253	Desktop Busy Box	This compact-size busy box will provide hours of fun and multisensory stimulation. Spin the cube and discover diverse tactile experiences, mirror, bead chains, multicolored lights, music and vibration. Press the cube's red plate to hear a 10-second pre-recorded message.

UCP 02262	All That Glitters	Enjoy dazzling vibration, lights, music, glitter and flying beads! This dynamic experience invigorates the user's auditory, visual and tactile senses.
UCP 02263	Gel Pad Activity Center	Three different gel pad switches make this activity center especially appealing. Provides terrific auditory, tactile and visual stimulation.
UCP 00458	Textured Tunes	Push anywhere on one of the four interchangeable textured tops it will play one of six melodies and vibrate while the LED lights flash and illuminate. A Lazy Susan base provides easy access to all. Just swipe at the ball and the fun begins. Perfect for hands-on sensory exploration.
UCP 02266	Drop-in-a-Bucket	This uniquely designed shape sorter has a low profile that is ideal for players with limited reach. Bucket has six multicolored lights that draw user's attention. Comes with interchangeable grids that teach object placement. A terrific toy for developing size and shape recognition.
UCP 02390	High Striker	When the gushy pad is struck, various sound effects play at different levels while lights track upward, indicating the amount of force applied. The user is rewarded with a rainbow of lights, vibration, music, spinning glitter and sound effects providing tactile and visual stimulation.
UCP 01090	Crazy Legs Noodle Bug	Teaches shapes, letters and dexterity. When the toy is pulled, lights and music sound. When the "legs" are matched with their shape, a voice calls out shape and color.
UCP 01071 (unit) 14.355 (letters)	Leapfrog Fridge Phonics	Set of 26 colorful, easy-grip magnetic letters and magnetic letter reader that attaches securely to your fridge. Each letter talks, sings and teaches letter names, letter sounds and learning songs.

UCP 01073	Kissing Critters	These loveable little critters need the user's help to find each other! When their noses are lightly touched together the user is rewarded with lights, music and vibration. A fun way to develop hand-eye coordination.
UCP 02491	Magnetic Fishing Game	This simple fishing game offers hours of fun. It comes with 2 Wooden Magnetic Fishing Poles, 1 Wooden Sorting Box, 26 PCS Wooden Fish. It is not only a fun activity but also great for learning the alphabet and color recognition!
UCP 01398	18 Piece Wooden Geometric Block Puzzle	Learn fractions, colors and shapes

Adapted Supports

UCP 01081	Dressing Vest	This product is made from heavy duty, cotton poly blend and encourages practice in basic dressing skills. (Includes zipper,
		buttons, ties and snap clips)
UCP 02636	The Bamboo Brace (Medium)	A dynamic elbow splint for children and adults with disabilities such as high muscle tone (Cerebral Palsy), low muscle tone (Down Syndrome/other genetic conditions), that assists them by actively re-aligning the elbow at more
	BAMBÖÖİBRACE*	favorable angles in order to learn gross and fine motor skills. The Early Grade School brace (M) fits children as young
		as 3 years and as old as about 8-9 years.
UCP 02637	The Bamboo Brace (Large)	A dynamic elbow splint for children and adults with disabilities such as high muscle tone (Cerebral Palsy), low muscle tone (Down Syndrome/other genetic conditions), that assists them by actively re-aligning the elbow at more favorable angles in order to learn gross and fine motor skills.
		The Bamboo Brace Adolescent/Young Adult (L) fits children as young as 9-10 up to about 15-18 years
UCP 02638	The Bamboo Brace (X-Large)	A dynamic elbow splint for children and adults with disabilities such as high muscle tone (Cerebral Palsy), low muscle tone (Down Syndrome/other genetic conditions), that assists them by actively re-aligning the elbow at more favorable angles in order to learn gross and fine motor skills.
		The Bamboo Brace Teen XL / Adult brace fits larger teens as young as 13-15 years through adulthood.

Communication Devices

UCP 00362	Small Talk Sequencer with Levels	 •300 seconds of recording time • Sequential capability for storytelling • Random capability for games or cards • Can be activated by an external switch • Output for activating other devices
UCP 00367	Speak a Need	A great auditory communicator for expressing needs. This versatile five level communicator allows the recording of five different categories of needs which include food, bathing and health needs. Communicator can also work with external switches
UCP 02389	Two compartment Communicator w/Speech	Each compartment has space for objects and frames for photos or icons. Just activate one of the colorful switch plates to turn on a light and hear a 20-second message. Builds skills like classification, sequencing, function, opposites and comparatives.
UCP 02492 (Blue) UCP 02126 (Green)	Recordable Answer Buzzer	Transform learning into a game with these recordable answer buzzers. Great for auditory learners! Just press the small red record button on the side of the buzzer to capture the sound you want. Then hit the big button on top to hear your fun sound. Record up to 7 seconds per buzzer. Re-record again and again.
UCP 00321	IPad Wireless Two Switch	Ability to control hundreds of compatible apps on a Bluetooth-equipped electronic device! This essential two capability switch item features large target areas for easy activation; has six modes for additional functions; works through Bluetooth 4.0 for simple pairing; has a range of over 50 feet; and acts as a regular capability switch for other switch-adapted products.

Sensory

		ullet
UCP 00272	Double Disco Ball	Create a festive atmosphere anywhere. The rotating multi- colored disco balls project LED lights onto walls and ceilings. Play your favorite music and the disco ball keeps the beat.
UCP 02257	Entangled Dome	You're sure to take a shine to this glow-in-the-dark sensory toy. Press anywhere on the dome, its base or rim to activate lights, music and vibration. Increases visual and auditory attention and tactile awareness.

UCP 02270	Water Bead Balls (set of 6)	Squeeze them, squish them and kiss all your worries good- bye!. These anti-stress balls are here to help alleviate stress tension, anxiety and while improving focus and stimulating hand muscles.
UCP 02264	Pop Tubes	Pipe sensory tools for stress and anxiety relief. Fidget toys that pull, bend, snap and pop! These sensory toys are bendable, snappable and popp-able while enhancing find motor skills and stimulate the tactile senses.
UCP 02353	Jelly Pads	Jelly Pads are sensory tactile and can be used in many ways. 5 shapes included.

Switches

UCP 00337	Jumbo Switch (yellow)	Easy to use and just right for people unable to sustain hand pressure over time. Simply press the switch once to turn on a device and press it again to turn it off.
UCP 02626	Koosh Switch	Use it as a toy and be rewarded with lights, music and vibration. When used as a switch, users can enjoy vibration and that irresistible koosh texture.
UCP 02244	Textured Roller Switch	This special roller provides pleasing tactile stimulation that will make users want to roll it again and again. Spin the roller's drum to activate lights, music and vibration. Note: Works with or without a capability switch
UCP 02245	Saucer Dome Switch	Gentle touch, merry reward! When the rim on the dome is gently pressed, silvery glitter swirls around while music, lights and vibration reward the user and provide them with auditory, visual and tactile stimulation. The sensory stimuli can be switched on or off individually. Note: Works with or without a capability switch
UCP 02624	Mini Dome Switch	Bright lights, dazzling glitter and lively music make this one of our most exciting capability switches. A built-in control allows the user to select one or more of the Mini Dome's sensory rewards. Terrific for teaching cause and effect, this switch also increases visual attention. Note: Works with or without a capability switch

UCP 02644	Textured Orbit Ball Switch	This colorful textured ball inspires tactile exploration. Touch it and be rewarded with glowing rainbow lights, music and subtle vibration. The hidden control at the bottom of the switch allows the user to turn one or more sensory features on and off. Also can be used as a switch alone.
UCP 02724	4-in-1 Joystick Switch	The user can move the joystick in any direction to play a toy, activate a device and more. Ideal for multi-switch inputs, so users can access many switch-activated devices. Connect up-to four cords to switch-activated devices using the jacks on the side of the joystick.
UCP 02725	Senso Dot Vibrating Switch (Blue)	Provides a somatosensory experience when activating any toy or device. The slightest push on any part of the dome will activate a device while the user feels a soft vibration.
UCP 02726	Senso Dot Vibrating Switch (Yellow)	Provides a somatosensory experience when activating any toy or device. The slightest push on any part of the dome will activate while the user feels a soft vibration.
UCP 02249	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 devices.
UCP 02256	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 02255	Gumball Switch (Green)	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 02258	Rainbow Switch (Orange)	The slightest touch will activate any adapted device
UCP 02259	Pancake Switch (Green)	Easy activation! Touch the sensitive outside rim or anywhere on the top surface and activate any switch adapted toy or device.
UCP 02265	Pancake Switch (Blue)	Easy activation! Touch the sensitive outside rim or anywhere on the top surface and activate any switch adapted toy or device.
UCP 02267	Bright Red Switch	Its large target area and bright red color make this a great choice for those who are visually impaired. Simple to operate, this versatile switch lights up and vibrates when pressed, and will also activate an adapted toy or device.
UCP 02623	Lady Bug Switch	With the gentlest touch, this colorful switch gives users a choice of lights, music and/or vibration. Select one, two or all three sensory rewards!
UCP 02727	Pinch Switch	Small enough to be held in the hand of a child, this simple, sensitive switch activates toys and devices with the gentlest pressure. The perfect way to teach grasping, fine motor and prehension skills.
UCP 02395	Sound Activated Switch	Perfect for people with very limited mobility, this ultrasensitive switch can be activated with a clap or a whisper. Choose between three modes: in timed mode, adjust the switch to remain on for 1 to 120 seconds post-activation; in on/off mode, one sound turns on the device and another sound turns it off; in momentary mode, the device is activated for the duration of sound detection. The switch can also be adjusted for sound sensitivity.
UCP 02396	Switch Modifier	Transforms any momentary switch into an on/off or timed one. The adjustment feature requires users to press the switch for 1-15 sec before the device is triggered. Once intention time is set, choose between momentary, on/off or timed modes. The momentary mode, your toy will stay on as long as you maintain pressure on the switch. In the on/off mode, your device will turn on when the switch is pressed once and will turn off when the switch is pressed again. In timed mode, your toy or device will stay on for a preset amount of time (1-120 seconds).

Therapeutic Listening System

UCP 02514	SanDisk Clip Jam MP3 Player & Wall Chargers	Therapeutic Listening is an evidence-based auditory
UCP 02515		intervention intended to support individuals who experience challenges with sensory processing dysfunction, listening, attention, and communication.
UCP 02516		atternion, and communication.
	Headphones	Accompanies ScanDisk Player
UCP 02517		
UCP 02518		
UCP 02519		
UCP 02498	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 expression Supports motor planning, bilateral integration and praxis
UCP 02499	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 Difficulty discriminating background/foreground sounds Sensitivity to sounds in higher frequency range, including speech Refinement of attention, language, and academic skills
UCP 02502	Baroque for Modulation Modified Chip	Elements of music: Chamber orchestra and flute Clinical Applications: Postural, core and breath activation
UCP 01469	Easy Listening Modified Chip	Elements of Music: Soft familiar rhythms Clinical Applications: Improves concentration Regulates sleep patterns
UCP 02503	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 02493	Grape Jamz Modified Chip	Elements of Music: 2 percussionists, bass, guitar, piano, woodwinds Basic familiar melodies with improvisation Clinical Applications: Postural organization and core activation Basic timing, Auditory-motor integration
UCP 02504	Peach Jamz Modified Chip	Elements of Music: Familiar children's songs Enhances body awareness and grounding for place in space Clinical Applications: Sensory modulation difficulties Opens windows for vocalizations, emotional tone, and connectedness
UCP 02505	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 02506	Razzberry Jamz Modified Chip	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 02494	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
UCP 02495	Surf Jamz Modified Chip	Sensory modulation Elements of Music: Surf genre music with guitars (electric, rhythm, acoustic), keyboard, drums Clinical Applications: Sensory modulation Refinement of timing and sequencing Facilitation of postural organization and core activation Good initial selection for teenager
UCP 02507	Nature Classics Modified Chip	Elements of Music -Has classical pieces from Bach and Carulli -Helps with organization, focus and structure -Played by small groups of musicians, thus helping with following the melody (sequencing) and not overwhelming one with a full orchestra (Flute and Piano, Flute and Guitar and Violin, Flute & Guitar Clinical Application -Refinement of spatial awareness and spatial organization -Difficulties with academic organization, motivation, and attention -Refinement of postural organization and facilitating grounded attention outward due to the melodies that invite a focused attentiveness while keeping the space around you present

		Elements of Music:
		Familiar music selections interwoven with nature sounds
		 Voice accompanied by strings, piano, flute, woodwinds, percussion and
1100 00400	Nature Pop Modified Chip	nature sounds
UCP 02496	·	Very rhythmical
		Clinical Applications:
		Poor spatial awareness and organization
		Core activation & Sensory Modulation
		Elements of Music:
		Varied rhythm of slow and lively dance movements
		Uses thirteen wind instruments (clarinet, oboe, bassoon, double bass,
UCP 02501	Nature Winds Modified Chip	
		basset horn) Clinical Applications:
		Poor special awareness
		Refinement of breath with movement once core is established
		- Sustains attention and focus
		Elements of Music:
		Generic synthesized music
		•Nature sounds and acoustic instruments enhance spatial qualities and
		perception
UCP 02497	Links to Space Modified Chip	•Easy rhythmic structure
00. 02.0.	p	Clinical Applications:
		Gentle introduction to the spatial surround .
		Sensory modulation and over-responsive to low frequency sound
		sensitivities (vacuum, blender, lawn mower, etc.)
		"Spatial insecurity" as a major feature of gravitational insecurity
		Elements of Music:
	Early Mozart Modified Chip	Mozart's earlier work, composed at age thirteen
		-Small orchestra
UCP 02508		Clinical Applications:
001 02300		-Sensory modulation difficulties
		·Improving overall regulation of arousal and mood
		 Increases social connectedness and reciprocity
		•Encourages a calm, quiet-alert state
	Mozart for Modulation Modified Chip	Elements of Music:
		·Supports organized body movement
		Invites attention outwards
UCP 02500		Clinical Applications:
		-Used late in listening program when sensory modulation issues have
		improved
		-Refinement of connection and social-turn taking
	Mozart Strings #1 Modified Chip	Elements of Music:
		·Three Mozart string quartets, two violins, viola and cello. Short melodic
		phrases
UCP 02509		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 02510	Links to Modulation Modified Chip	Elements of Music
		·Clear, easy rhythm
		Simple, straightforward melodic line
		Instrumentation ranges from electronic to simple and unlayered (flute,
		guitar, piano)
		Clinical Applications

UCP 02512	Links to Connection Modified Chip	Sensory modulation difficulties Hypersensitivity to sound, movement, and/or touch Disruptions in homeostatic functions (sleep/wake, bowel/bladder, appetite cycles) Stiffness in middle ear muscles due to ear infections Great beginning if uncertain on where to start Elements of Music Flowing and uncomplicated rhythmical structure Comforting melodies move the listener towards an adaptive state Relaxing without pervasive or dominant arrangement Clinical Applications Sensory modulation difficulties Auditory defensiveness and reactivity Constricted or vacillating range of arousal and affect Soothing for individuals prone to dysregulation or anxiety Provides rhythmical foundation for relaxation
UCP 02513	Rhythm & Rhyme Modified Chip	Elements of Music: -Familiar children's songs ,Voice accompanied by piano, guitar, and flute Clinical Applications: -Sensory modulation difficulties -Facilitation of core activation -Promotion of vocalizations, singing, and phonological awareness

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