



TECH TOOLS, A DEVELOPMENTAL TECHNOLOGY LIBRARY CATALOG

A program of United Cerebral Palsy of Nebraska

**Host Site:
Bryan Medical Center East 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 [United Cerebral Palsy of Nebraska](#). 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.





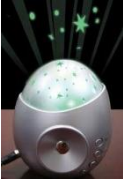

In this catalog you will find a description of each item in the library located at Bryan Pediatric Rehab Services. Listed below are categories and generalized types of items:

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)

UCP 02040	<p style="text-align: center;">Led Fan</p> 	<p>Stay cool and be entertained with this adapted fan that's also a light show! With just the push of a button, the fan's LED lights create more than 30 different color patterns. Two suction cups hold the fan in place.</p> <p><i>Note: Works with or without a capability switch</i></p>
UCP 02046	<p style="text-align: center;">Music and Lights Caterpillar</p> 	<p>Activate a capability switch or push the pink button on its back and it will play 16 different songs while its four colorful lights flash in time to the music. Music and Light Caterpillar increases auditory and language development too.</p>
UCP 02052	<p style="text-align: center;">Music Box</p> 	<p>Plug in up to four of your capability switches to hear four different tunes and see flashing lights.</p>
UCP 02059	<p style="text-align: center;">Adapted Color Spinout</p> 	<p>Create colorful designs and patterns with a press of a switch. Adjust gear arms for dozens of different patterns. Connects up to 3 markers at once. Set includes: 6 markers and 40 paper sheets.</p>
UCP 00205	<p style="text-align: center;">Starry Night</p> 	<p>User's activate a switch and relax to their favorite calming sound while watching the stars project on a ceiling. Sounds include birds, brooks, rainforest, ocean waves, and rain which help to develop listening skills. Light and sound can be used separately or together.</p>
UCP 00355	<p style="text-align: center;">Shimmering Dome</p> 	<p>This multi-colored musical light dome offers a one-of-a-kind experience. Just touch the dome's black frame and let the show begin! Great for increasing visual attention and color recognition.</p> <p><i>Note: Works with or without a capability switch.</i></p>


Adapted Toys (Non-Switch)





UCP 02047	<p style="text-align: center;">Bead Chain in a Box</p> 	<p>Touch the bead chain box and behold—lights, music and vibration! A delightful way to teach cause and effect and increase visual, auditory and tactile sensory awareness.</p>
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 Lincoln Nebraska 68506



UCP 02048	<p style="text-align: center;">Desktop Busy Box</p> 	<p>This compact-size busy box will provide hours of fun and multisensory stimulation. Spin the cube and discover diverse tactile experiences, mirror, multicolored lights, music and vibration. Press the cube's red plate to hear your 10-second pre-recorded message.</p>
UCP 01143	<p style="text-align: center;">Singing Sunrise Busy Box</p> 	<p>Helps teach cause and effect, offers a variety of tactile experiences, songs, multi-colored blinging lights, sounds and vibration.</p>
UCP 01123	<p style="text-align: center;">Musical Carousel</p> 	<p>Eye hand coordination activity designed for use by user's with fine motor, neurological, cognitive, or sensory disabilities. When pressed, each button plays a different tune while the bright red center lights up and sequins spin. When the button inserts are removed, the unit can also be used for finger isolation activities.</p>
UCP 02036	<p style="text-align: center;">Learn and Dance Zoo Activity Center</p> 	<p>Go on safari with this interactive toy that teaches about animals in the wild. Four colorful buttons on the toy's base and four colorful plates atop its trees introduce animal friends with short, playful songs. Spin the toy's roller to meet some turtles, press on the toucan to hear her speak or maneuver the joystick to make the monkey dance. Offers a great cause and effect experience!</p>
UCP 02043	<p style="text-align: center;">Drop-in-the-Bucket</p> 	<p>This uniquely designed shape sorter has a low profile that's ideal for user's with limited reach. Has six multicolored lights that draw user's attention; drop a shape into the container and a tune plays. Comes with interchangeable grids that teach object placement.</p>

Adapted Supports



UCP 02399	<p style="text-align: center;">24" x 28" x 08" Positioning Wedge (Blue)</p> 	<p>Intended to provide therapeutic positioning and exercise. Used for stability and support. Can be used for calming or stimulation</p>
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UCP 02400	<p>24" x 28" x 10" Positioning Wedge (Royal Blue)</p> 	Intended to provide therapeutic positioning and exercise. Used for stability and support. Can be used for calming or stimulation
UCP 02401	<p>24" x 28" x 06" Positioning Wedge (Royal Blue)</p> 	Intended to provide therapeutic positioning and exercise. Used for stability and support. Can be used for calming or stimulation
UCP 02402	<p>20" x 22" x 04" Positioning Wedge (Royal Blue)</p> 	Intended to provide therapeutic positioning and exercise. Used for stability and support. Can be used for calming or stimulation.
UCP 02407 UCP 02408 UCP 02409	<p>Balance Disc (Purple)</p> 	14" Diameter with Non-slip grip and Multi-purpose use. Examples include: to improve core strength and balance or as a seat cushion to improve posture and balance.



Communication Devices

UCP 02550	<p>Big Talk (Yellow)</p> 	They can crack a joke, sing a song, or greet a friend with this easy-to-use one message communicator. The Big Talk provides 20 seconds of recording time and can be activated by an external switch or act as a switch. Plastic cover included.
UCP 02487	<p>BigTalk (Red)</p> 	They can crack a joke, sing a song, or greet a friend with this easy-to-use one message communicator. The Big Talk provides 20 second of recording time and can be activated by an external switch or act as a switch. Plastic cover included.
UCP 02549	<p>Talkable III</p> 	Easy communication! Compact and intuitive, these basic easy talk message communicators come with built-in icon holders and clear covers.
UCP 02045	<p>Saucer Dome Say-It-Play-It</p> 	Pressing the dome will reward the user with vibration and a pre-recorded message. (up to 20 secs). <i>Note: It can also be used as a switch to activate any adapted device.</i>


Leisure/Recreation









<p>UCP 02403 UCP 02404</p>	<p>Balance Ball (Blue)</p> 	<p>Balance From Anti-Burst Slip Resistant Fitness Balls (55cm). Can be used in a number of applications to work on a variety of skills.</p>
<p>UCP 02405 UCP 02406</p>	<p>Balance Ball (Green)</p> 	<p>Balance From Anti-Burst Slip Resistant Fitness Balls (65 cm) Can be used in a number of applications to work on a variety of skills.</p>

Sensory

<p>UCP 02410</p>	<p>Color Changing Crystal Fiber Optic Light</p> 	<p>Relaxation and Tactile Stimulation all at once. These vibrating fiber optic strings swirl, curl and magically reflect changing colors of red, green, blue and purple.</p>
<p>UCP 00204</p>	<p>Ocean Wave Projector</p> 	<p>This 12 light LED projector cycles between red, blue, green and multi-colored hues transforming any room into a peaceful oasis. Equipped with a built-in speaker, the projector is iPod and MP3 compatible so that users can chill out to their favorite tunes. Optional shut off automatically turns off light after one hour.</p>

Switches

<p>UCP 02055 <i>(Swirls)</i> UCP 02056 <i>(Five dots)</i> UCP 02057 <i>(Dots)</i> UCP 02058 <i>(Lines)</i></p>	<p>Jumbo Textured Caps</p> 	<p>Designed to snap onto our Jumbo switches, each of these textured tops provide a different somatosensory experience</p>
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UCP 02042	<p align="center">Adjustable Angled Switch</p> 	Extremely accessible, this 5 inch switch can be adjusted from a 32 to 90 degree angle to accommodate the unique needs of every individual.
UCP 02049	<p align="center">Rainbow Switch (Orange)</p> 	The slightest touch will activate any adapted device.
UCP 02050	<p align="center">Gum Ball Switch (Yellow)</p> 	Recognized for their high quality and dependability, this switch feature a 2½" activation surface. Provides extraordinary tactile and audible feedback. Comes with two plastic covers – one with a lip, one without.
UCP 02051	<p align="center">Mini Gum Ball Switch (Blue)</p> 	A smaller version of the best-selling Gumball Switches, the "minis" share the same incomparable tactile and auditory feedback, versatility and durability.
UCP 02063 (Red) UCP 02064 (Red) UCP 02065 (Yellow)	<p align="center">Switch it Up!</p> 	Rubber feet assist in keeping the switch from sliding. Button surface area measures 2.75" across and requires approximately 3 oz. of pressure to activate and has slight clicking sound for feedback.
UCP 02486	<p align="center">Mini Dome Switch</p> 	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.
UCP 02038	<p align="center">Lady Bug Switch</p> 	<p>With the gentlest touch, this colorful switch gives users a choice of lights, music and/or vibration. Select one, two or all sensory rewards!</p> <p>Note: Switch does not work, however with the touch of a hand can push down to get lights, music and vibration</p>
UCP 02054	<p align="center">Koosh Switch</p> 	Touch the compelling ball of rubber strings and you are instantly rewarded with lights, music and vibration. Great fun! Lights and music are disabled when used as a switch

Therapeutic Listening System

UCP 02066 UCP 02068 UCP 02411 UCP 02551 UCP 02552	<p>SanDisk Player & Accessories</p> 	<p>Compact and easy to use, the SanDisk Clip Jam offers very high quality sound reproduction for Therapeutic Listening music selections that are available on music "chips." The player features long battery life and includes a sturdy clip on the back. Also includes a convenient wall charger adapter and a Velcro strap (for attaching the player to headphones).</p>
UCP 02067	<p>Sounds Headphones</p> 	<p>Headphones only – no disk player</p>
UCP 02069 UCP 02565	<p>Mozart for Modulation Modified Chip</p>	<p><u>Elements of Music:</u></p> <ul style="list-style-type: none"> • Supports organized body movement • Invites attention outwards <p><u>Clinical Applications:</u></p> <ul style="list-style-type: none"> • Used late in listening program when sensory modulation issues have improved • Refinement of connection and social-turn taking
UCP 02070	<p>More Mozart for Modulation Modified Chip</p>	<p><u>Elements of Music:</u></p> <ul style="list-style-type: none"> • Supports organized body movement <p><u>Clinical Applications:</u></p> <ul style="list-style-type: none"> • Used late in listening program when sensory modulation issues have improved • Refinement of connection and social-turn taking
UCP 02071 UCP 02555	<p>Early Mozart Modified Chip</p>	<p><u>Elements of Music:</u></p> <ul style="list-style-type: none"> • Mozart's earlier work, composed at age thirteen • Small orchestra <p><u>Clinical Applications:</u></p> <ul style="list-style-type: none"> • Sensory modulation difficulties • Improving overall regulation of arousal and mood • Increases social connectedness and reciprocity • Encourages a calm, quiet-alert state
UCP 02570	<p>Mozart Strings Modified Chip</p>	<p><u>Elements of Music:</u></p> <ul style="list-style-type: none"> • Three Mozart string quartets, two violins, viola and cello. Short melodic phrases <p><u>Clinical Applications:</u></p> <ul style="list-style-type: none"> • 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 02072 UCP 02572	Vivaldi for Modulation Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Concerto and full orchestra • Fast-slow-fast tempo (60 beats/minute) • Fast rhythms capture and maintain attention <u>Clinical Applications:</u> <ul style="list-style-type: none"> • 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 02073	Bach for Modulation Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Violin, cello, harpsichord, orchestra • Weaves between fast and slow tempos <u>Clinical Applications:</u> <ul style="list-style-type: none"> • 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 02567	Baroque for Modulation Modified Chip	<u>Elements of music:</u> <ul style="list-style-type: none"> • Chamber orchestra and flute <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Postural, core and breath activation
UCP 02075 UCP 02571	Nature Winds Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Varied rhythm of slow and lively dance movements • Uses thirteen wind instruments (clarinet, oboe, bassoon, double bass, basset horn) <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Poor special awareness • Refinement of breath with movement once core is established • Sustains attention and focus
UCP 02076 UCP 02557	Nature Pop Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Familiar music selections interwoven with nature sounds • Voice accompanied by strings, piano, flute, woodwinds, percussion and nature sounds • Very rhythmical <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Poor spatial awareness and organization • Core activation & Sensory Modulation
UCP 02413 UCP 02560	Rhythm & Rhyme Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Familiar children's songs ,Voice accompanied by piano, guitar, and flute <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Sensory modulation difficulties • Facilitation of core activation • Promotion of vocalizations, singing, and phonological awareness
UCP 02078 UCP 02556	Grape Jamz Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • 2 percussionists, bass, guitar, piano, woodwinds • Basic familiar melodies with improvisation <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Postural organization and core activation • Basic timing, Auditory-motor integration
UCP 02079 UCP 02559	Strawberry Jamz Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Classic and contemporary children's songs • Voice accompanied by strings, piano, flute, woodwinds, percussion, and nature sounds • Attention and foster connection and communication <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Core activation with emotional tone • Language/communication skill

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UCP 02412 UCP 02566	Apricot Jamz Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Familiar musical selections revolving around jungle themes • Percussion and drums reinforce sound patterns <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Sensory modulation • Promotion of bilateral integration, timing, and sequencing • Facilitation of auditory-motor integration, postural organization, and core activation
UCP 02081 UCP 02558	Surf Jamz Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Surf genre music with guitars (electric, rhythm, acoustic), keyboard, drums <u>Clinical Applications</u> <ul style="list-style-type: none"> • Refinement of timing and sequencing • Facilitation of postural organization and core activation • Good initial selection for teenager
UCP 02082 UCP 02564	Peach Jamz Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Familiar children's songs • Enhances body awareness and grounding for place in space <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Sensory modulation difficulties • Opens windows for vocalizations, emotional tone, and connectedness
UCP 02083 UCP 02568	Razzberry Jamz Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Classic children's songs that appeal to a wide age range • Broad range of harmonics • Shifting rhythms and jazzy improvisations <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Encourages engagement and sensory modulation • Elicits a wide array of social expression and interaction • Supports core movement patterns necessary for motor planning
UCP02084 UCP 02561	Pop Tunes Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • 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 <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Postural activation • Energizing • Increased affective expression • Supports motor planning, bilateral integration and praxis
UCP02085 UCP 02562	Links to Space Modified Chip	<u>Elements of Music:</u> <ul style="list-style-type: none"> • Generic synthesized music • Nature sounds and acoustic instruments enhance spatial qualities and perception • Easy rhythmic structure <u>Clinical Applications:</u> <ul style="list-style-type: none"> • Gentle introduction to the spatial surround

		<ul style="list-style-type: none"> • Sensory modulation and over-responsive to low frequency sound sensitivities (vacuum, blender, lawn mower, etc.) • “Spatial insecurity” as a major feature of gravitational insecurity
UCP 02554 UCP 02563	Links to Modulation Modified Chip	<u>Elements of Music</u> <ul style="list-style-type: none"> • Clear, easy rhythm • Instrumentation ranges from electronic to simple and unlayered (flute, guitar, piano) <u>Clinical Applications</u> <ul style="list-style-type: none"> • 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
UCP 02569	Links to Connection Modified Chip	<u>Elements of Music</u> <ul style="list-style-type: none"> • Flowing and uncomplicated rhythmical structure • Comforting melodies move the listener towards an adaptive state • Relaxing without pervasive or dominant arrangement <u>Clinical Applications</u> <ul style="list-style-type: none"> • 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

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