

2010 Summer Session II

LSAMP FastForWord Study

Fast ForWord **Literacy** and **Literacy Advanced** software was developed to improve the way your brain functions in four key areas:

- **M** Build memory skills through exercises that task both working and long-term memory.
- **A** Improve concentration and the ability to focus attention and ignore distractions through highly demanding attention tasks.
- **P** Strengthen auditory, visual and linguistic processing of orally and visually presented words, sentences and stories for meaning and comprehension.
- **S** Develop sequencing through exercises that require utilization of word order to comprehend complex statements and multi-step instructions, and then requires following a specified sequence of actions in response.

There are four key aspects of the FastForWord brain exercise program that work together to create neuroplastic changes in your brain that support enhanced language and learning skills:

- **F**requency and Intensity—Neuroscience research demonstrates that completing a set of learning tasks in a frequent, intense timeframe accelerates learning
- **A**daptivity—Exercises adapt with each key stroke to individual skill levels and responses, keeping students continuously challenged
- **S**imultaneous Development—Exercises develop major cognitive and reading skills simultaneously to produce lasting improvements in learning
- **T**imely Motivation—Tiered rewards are designed to maximize motivation from start to finish.

Literacy Exercises



Exercise	Space Racer	Galaxy Goal	Spin Master	Lunar Tunes	Stellar Stories	Star Pics
Task	Identify each sweep in the sequence by clicking the up and down arrows in the same sequence as the sounds are presented.	Listen to a series of sounds and click a button when the sound changes.	Listen to a target syllable, then click the highlighted turntable when the target syllable is presented.	Listen to one word/syllable from each speaker on a grid. Match up each pair of speakers that play the same word/syllable. When all pairs are matched, clear the grid.	Listen to a story and answer comprehension questions. Listen to sentences and select pictures that best represent the sentences. Listen to instructions and manipulate one or more objects as instructed.	Listen to a word and view four pictures. Click the picture that best represents the target word.
Targeted Language and Reading Skills	<ul style="list-style-type: none"> ■ Listening accuracy ■ Auditory sequencing 	<ul style="list-style-type: none"> ■ Phonological fluency ■ Phonological memory 	<ul style="list-style-type: none"> ■ Phonological fluency ■ Phonological accuracy ■ Phonological memory 	<ul style="list-style-type: none"> ■ Auditory word recognition ■ Phonological accuracy ■ Phonological fluency ■ Phonological memory 	<ul style="list-style-type: none"> ■ Listening comprehension ■ English language conventions ■ Following directions ■ Vocabulary development 	<ul style="list-style-type: none"> ■ Phonological accuracy ■ Phonological fluency ■ Vocabulary development ■ Listening comprehension ■ Auditory word recognition
Cognitive Skills Developed	<ul style="list-style-type: none"> ■ Long-term & working memory ■ Focused Attention ■ Auditory processing ■ Sequencing 	<ul style="list-style-type: none"> ■ Working memory ■ Sustained attention ■ Auditory processing 	<ul style="list-style-type: none"> ■ Working memory ■ Focused attention ■ Auditory processing 	<ul style="list-style-type: none"> ■ Working memory ■ Sustained & focused attention ■ Auditory processing ■ Visual-spatial processing 	<ul style="list-style-type: none"> ■ Long-term & working memory ■ Sustained & focused attention ■ Auditory, visual & linguistic processing ■ Sequencing 	<ul style="list-style-type: none"> ■ Long-term & working memory ■ Focused attention ■ Auditory & linguistic processing

Literacy Advanced Exercises



Exercise	Meteor Ball	Laser Match	Sky Rider	Lunar Leap	Galaxy Theater
Task	Listen to a spoken word, recognize and select the target word that is presented aurally and in writing within a series of different words.	Using both auditory and visual clues, match pairs of words within grids of varying size.	Listen to a sequence of tonal sweeps. Identify each sweep in the sequence by clicking the up and down arrows in the same sequence as the sounds are presented.	Listen to a word. Recognize and select the target word within sequence of two written and pronounced words.	Listen to a story and answer comprehension questions about the story. Then listen to sentences. Select the pictures that best represent the sentences. Listen to instructions and manipulate one or more objects as instructed.
Targeted Language and Reading Skills	<ul style="list-style-type: none"> Word analysis 	<ul style="list-style-type: none"> Word analysis Phonological awareness 	<ul style="list-style-type: none"> Listening Accuracy Organization 	<ul style="list-style-type: none"> Word analysis Phonological awareness 	<ul style="list-style-type: none"> English language conventions Listening comprehension
Targeted Cognitive Skills	<ul style="list-style-type: none"> Memory Attention Processing 	<ul style="list-style-type: none"> Memory Attention Processing 	<ul style="list-style-type: none"> Memory Attention Processing Sequencing 	<ul style="list-style-type: none"> Memory Attention Processing 	<ul style="list-style-type: none"> Memory Attention Processing Sequencing